



August 27, 2021

Mr. Jack L. Abcarius, PE  
Associate  
NV5  
15092 Avenue of Science, Suite 200  
San Diego, CA 92128

Subject: Report of Limited Environmental Soil Sampling  
Lack Road Bridge  
Farmer John Facility  
Imperial County, California  
**Project Number: NVEE-21-10415**

Dear Mr. Abcarius:

Alta Environmental DBA NV5 (NV5), is pleased to submit this report of our limited environmental soil sampling conducted at the abovementioned Lack Road Bridge in Imperial County, California (Site). This assessment was completed in accordance with NV5's Proposal for Limited Environmental Soil Sampling, dated July 22, 2021, and authorized by Imperial County. The following is a summary of project background, sampling activities, laboratory analysis, and our findings and recommendations.

## **1 PROJECT BACKGROUND**

NV5 understands the Site is the location of a proposed construction activity. Imperial County requested that soil samples be collected from within the footprint of the construction activity to evaluate the shallow soils for waste characterization and handling purposes.

## **2 SAMPLING ACTIVITIES**

The scope of work consisted of shallow soil sampling at the Site, as further discussed on the following pages.

### **2.1 Pre-Field Activities**

Prior to any subsurface investigation activities, NV5 conducted a Site reconnaissance on July 29, 2021, to locate and mark all proposed boring locations. All locations were marked with white spray paint, as required by Underground Service Alert (USA). USA was then notified at least 48 hours before any sampling activities commenced at the Site. USA notified companies and

agencies that may have underground utilities in the vicinity of the Site to mark their respective utilities on the ground with spray paint so that the utilities could be avoided during sampling.

Additionally, a site-specific health and safety plan (HASP) was prepared and implemented to address safety at the Site. NV5 held a tailgate meeting with the subcontractors at the Site to review the scope of work and safety procedures at the beginning of field work.

## **2.2 Subsurface Soil Sampling**

On August 6, 2021, NV5 advanced a total of six soil borings (B1 through B6) at the Site (Figure 1) utilizing direct-push drilling equipment operated by Strongarm Environmental Field Services of Fullerton, California. The borings were placed along both sides of the proposed bridge construction within the asphalt paved portion of Lack Road and within the footprint of the proposed grading activities. Each boring was advanced to a total depth of 15 feet below road base. Soil samples were collected from each boring at directly beneath the road base material and at depths of 5-, 10-, and 15-feet below road base. Soil samples were collected using a core sampler lined with acetate tubes.

Following sampling, the tubes were sealed with Teflon® sleeves and plastic endcaps, labeled, and stored in a chilled ice chest. In-field preservation kits were used in accordance with United States Environmental Protection Agency (EPA) Method 5035. Soil samples were transported under chain-of-custody documentation to Eurofins Calscience of Garden Grove, California, a State of California certified laboratory, for analysis. The soil borings were backfilled with bentonite and the surface repaired with cold patch asphalt.

The soil encountered during the investigation were logged using the Unified Soil Classification System (USCS) and monitored with a daily-calibrated photoionization detector (PID). The lithology, PID readings, and sampling depths are presented on the attached boring logs.

All reusable drilling and sampling equipment was cleaned before each use using a three-bucket wash consisting of a non-phosphate detergent wash, tap water, and distilled water.

## **3 LABORATORY ANALYSIS**

The collected soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), and motor oil (TPHo) by EPA Method 8015B; Title 22 Metals by EPA Method 6010B/7471A; volatile organic compounds (VOCs) plus fuel oxygenates by EPA Method 8260B; organophosphorus pesticides (OPPs) by EPA Method 8141; chlorinated herbicides by EPA Method 8151; and organochlorine pesticides (OCPs) by EPA Method 8081A. The laboratory report with chain of custody documentation is attached to this report. A summary of detected contaminants of concern identified in the collected soil samples is presented on the attached Table 1.

The concentrations of the detected contaminants of concern were compared to both commercial land use human health screening levels (United States Environmental Protection Agency [USEPA] Regional IX Regional Screening Levels [RSL]) and the State of California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office [HERO] Note 3 Screening Levels) as well as the State of California hazardous waste classification limits (Total Threshold Limit Concentration [TTLC]). Concentrations of TPHg, TPHd, and TPHo were compared to the San Francisco Regional Water Quality Control Board's Environmental Screening Levels (ESLs) for commercial land use and construction worker exposure scenario.

### **Petroleum Hydrocarbons**

- TPHg was detected in soil samples analyzed at concentrations ranging between 0.045J and 0.089J milligrams per kilogram (mg/kg). These concentrations are well below both the commercial land use ESL (2,000 mg/kg) and construction worker exposure ESL (1,800 mg/kg) for TPHg.
- TPHd was detected at concentrations ranging between 5.9 and 70 mg/kg in four samples analyzed. These concentrations are below both the commercial land use ESL (1,200 mg/kg) and construction worker exposure ESL (1,100 mg/kg) for TPHd.
- TPHo was detected at concentrations ranging between 4.7J and 240 mg/kg. These concentrations are below both the commercial land use ESL (180,000 mg/kg) and construction worker exposure ESL (54,000 mg/kg) for TPHo.
- There are no published TTLC concentrations for TPH.

### **Volatile Organic Compounds (VOCs)**

- Concentrations of acetone (9.1 to 21 micrograms per kilogram [ $\mu\text{g}/\text{kg}$ ]), benzene (0.58 to 1.3  $\mu\text{g}/\text{kg}$ ), ethanol (51 to 210  $\mu\text{g}/\text{kg}$ ), ethylbenzene (0.31 to 0.69  $\mu\text{g}/\text{kg}$ ), m,p-xylenes (0.37 to 0.60  $\mu\text{g}/\text{kg}$ ), and toluene (0.71 to 1.7  $\mu\text{g}/\text{kg}$ ) were detected in the analyzed soil samples. These concentrations are well below their respective RSLs, and HERO Note 3 screening levels.
- There are no published TTLC concentrations for the detected VOCs.

### **Title 22 Metals**

- Concentrations of metals including arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, zinc, and mercury were detected above laboratory detection limits in the analyzed soil samples. The concentrations detected are well below their respective RSLs, HERO Note 3, and TTLC screening levels.
- For waste classification purposes, detected concentrations of metals were compared to their respective Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) concentrations. If a concentration of a detected metal is ten times (10x) its respective STLC or twenty times (20x) its respective TCLP concentration, additional soluble analysis is required for waste classification purposes. Based on the comparison of the detected concentrations of metals to their respective 10xSTLC and 20xTCLP concentrations, none of the samples will require additional soluble analysis for waste classification purposes.

### **OCPs**

- A concentration of 4,4-DDE was detected in one sample analyzed at a concentration of 4.0  $\mu\text{g}/\text{kg}$ . The concentration detected is well below the respective RSL (9,300  $\mu\text{g}/\text{kg}$ ), HERO Note 3 (9,300  $\mu\text{g}/\text{kg}$ ), and TTLC (1,000  $\mu\text{g}/\text{kg}$ ) screening levels.

### **OPPs**

- Concentrations of OPPs were not detected above laboratory detection limits in any of the soil samples collected.

### **Chlorinated Herbicides**

- Concentrations of chlorinated herbicides were not detected above laboratory detection limits in any of the soil samples collected.

## **4 FINDINGS AND RECOMMENDATIONS**

Based on the field observations during sampling and review of the collected laboratory analytical data, NV5 offers the following finding and conclusions.

- Subsurface soil consists of lean clay in borings B1 through B4 to the maximum explored depth of approximately 15 feet below road base. Lean clay was observed to depths of approximately 5 feet below road base, followed by fine grained silty sand to the maximum depth explored of 15 feet below road base in borings B5 and B6. Elevated PID readings, odors, or staining were not observed in any of the soil samples collected. Groundwater was not encountered during soil sampling.
- Based on the analytical results from this investigation, the concentrations of contaminants of concern in shallow soils within the footprint of the construction activity are below commercial health screening levels and below hazardous waste thresholds.
- No further assessment is recommended at this time. If during site construction activities, evidence of possible contamination such as odors or discoloration are observed, impacted soils should be segregated and sampled prior to reuse or disposal.
- If the excavated soils at the Site are not reused and sent off-site for disposal, please note that each disposal facility has its own requirements for waste acceptance and may have specific waste testing requirements that are different from those mentioned above. It is recommended that the contractor contact the waste acceptance facility to determine the type, quantity, and frequency of testing required for disposal.
- Additionally, if the soils are sent off for use at a different site, the future site use and acceptance criteria should be reviewed and compared to the laboratory results to determine acceptability prior to shipment and reuse.

## **5 STATEMENT OF LIMITATIONS AND CLOSING REMARKS**

This report is intended for the use of the Imperial County. Our services have been performed under mutually agreed upon terms and conditions. If other parties wish to rely on this report, please have them contact us so that a mutual understanding and agreement of the terms and conditions for our services can be established prior to their use of this information.

Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental, health and safety consultants practicing in this or similar localities at the time of service. No other warranty, express or implied, is made as to the professional advice included in this report.

The opinions, findings and recommendations contained herein are based upon the data that were reviewed and documented in this report along with our experience on similar projects. They are relevant to the date of this report and should not be relied upon to represent conditions at later dates. If additional information becomes available that might affect our conclusions, we request the opportunity to review the information, reassess the potential concerns, and modify our opinion, if warranted.

The opportunity to be of service to you is sincerely appreciated. If you have any questions, please call us at (562) 544-3910.

Respectfully submitted by:

**NV5**



Eric Fraske, PE  
Senior Engineer III



Attachments:

Table 1: Laboratory Analysis Summary – Soil Samples

Figure 1: Boring Location Map

Boring Logs

Laboratory Analytical Report and Chain of Custody Documentation

**Table 1**  
 Laboratory Analysis Summary - Soils  
 Lack Road Bridge  
 Imperial County, California

Chemical	Units	HazWaste Threshold (TTL)	USEPA RSL (Industrial)	DTSC HERO Note 3 SLs (Industrial)	DTSC Southern CA Regional Background	ESLs (Industrial)	ESLs (Construction Worker)	B1-0.5	B1-5.0	B1-10	B1-15	B2-0.5	B2-5.0	B2-10	B2-15	B3-0.5	B3-5.0	B3-10	B3-15	B4-0.5	B4-0.5 DUP	B4-5.0	B4-10	B4-15	B5-0.5	
<b>Title 22 Metals by EPA Method 6010B/7471A</b>																										
Antimony	mg/kg	500	470	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	500	3.0	0.36	12	N/A	N/A	5.96	3.79	3.85	3.45	4.37	4.22	2.8	4.71	8.25	3.63	3.78	4.49	6.60	5.79	4.41	4.05	4.58	4.19	
Barium	mg/kg	10,000	220,000	N/A	N/A	N/A	N/A	139	108	169	71.7	126	118	64	166	252	138	136	145	169	149	153	159	153	113	
Beryllium	mg/kg	75	2,300	230	N/A	N/A	N/A	0.513	0.328	0.324	ND	0.341	0.359	ND	0.318	0.884	0.355	0.342	0.255	0.684	0.635	0.332	0.244	0.246	0.403	
Cadmium	mg/kg	100	980	780	N/A	N/A	N/A	0.597	0.408	0.428	0.239	0.441	0.481	0.198	0.421	1.01	0.445	0.409	0.425	0.684	0.634	0.509	0.398	0.395	0.484	
Chromium	mg/kg	2,500	N/A	N/A	N/A	N/A	N/A	5.26	4.13	4.16	2.17	4.41	5.09	2.09	3.97	13.1	4.73	3.78	3.82	6.35	6.64	5.39	4.45	4.10	4.72	
Cobalt	mg/kg	8,000	350	N/A	N/A	N/A	N/A	5.41	3.71	5.73	2.79	4.5	4.87	2.24	4.36	9.99	4.89	4.24	4.34	6.92	7.26	5.14	5.30	4.30	5.27	
Copper	mg/kg	2,500	47,000	N/A	N/A	N/A	N/A	14.7	10.1	10.5	4.09	12	14.1	3.38	10.1	31.2	10.6	10.1	9.66	24.0	28.8	13.2	8.82	8.37	17.2	
Lead	mg/kg	1,000	800	320	N/A	N/A	N/A	11.2	7.64	7.2	3.94	16.3	30.6	3.35	6.89	16.7	6.65	6.46	5.76	13.7	13.2	7.52	5.85	5.83	15.3	
Molybdenum	mg/kg	3,500	5,800	N/A	N/A	N/A	N/A	0.458	ND	ND	ND	ND	ND	ND	0.951	0.456	ND	0.967	0.470	ND	ND	0.613	ND	ND	ND	
Nickel	mg/kg	2,000	22,000	11,000	N/A	N/A	N/A	9.88	6.74	9.04	4.45	7.95	8.66	3.67	7.86	20.2	8.55	7.49	8.16	12.5	13.5	9.72	8.76	7.93	8.45	
Selenium	mg/kg	100	5,800	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Silver	mg/kg	500	5,800	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	mg/kg	2,400	5,800	N/A	N/A	N/A	N/A	14.1	9.74	11.2	6.21	10.9	11.6	4.96	10.7	24.7	10.2	9.30	9.94	16.8	17.2	12.2	10.6	10.0	11.6	
Zinc	mg/kg	5,000	350,000	N/A	N/A	N/A	N/A	35	23.5	25.9	12.8	32.4	38.4	10.2	24.2	64.9	26.5	23.4	22.2	42.4	39.9	31.3	23.9	23.1	41.3	
Mercury	mg/kg	20	46	N/A	N/A	N/A	N/A	0.0140	ND	0.0168	ND	0.0172	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0143	ND	ND	
<b>Total Petroleum Hydrocarbons (TPH) by EPA Method 8015M</b>																										
TPHg (C4-C12)	mg/kg	N/A	N/A	N/A	N/A	2,000	1,800	ND	0.052J	0.076J	ND	ND	ND	ND	0.061J	ND	0.089J	0.048J	0.047J	ND	ND	ND	0.077J	0.064J	0.045J	
TPHd (C13-C22)	mg/kg	N/A	N/A	N/A	N/A	1,200	1,100	ND	70	ND	ND	ND	5.9	ND	ND	ND	59	ND	ND	ND	22	ND	ND	ND	ND	
TPHo (C23-C40)	mg/kg	N/A	N/A	N/A	N/A	180,000	54,000	ND	240	ND	ND	37	30	ND	ND	ND	210	ND	ND	ND	170	ND	ND	ND	ND	
<b>Volatile Organic Compounds (VOCs) by EPA Method 8260B</b>																										
Acetone	µg/kg	N/A	670,000	N/A	N/A	N/A	N/A	12	ND	12	9.1	16	ND	11	ND	10	ND	ND	ND	10	13	16	21	15	18	
Benzene	µg/kg	N/A	5.1	46	N/A	N/A	N/A	0.69	0.87	0.97	0.83	0.89	0.58	1.2	1.2	0.78	1.2	1.0	0.68	0.78	0.87	1.2	1.1	1.2	1.2	
Ethanol	µg/kg	N/A	N/A	N/A	N/A	N/A	N/A	130	ND	130	84	160	ND	ND	63	51	ND	ND	ND	81	100	68	130	210	ND	
Ethylbenzene	µg/kg	N/A	25,000	N/A	N/A	N/A	N/A	0.31	0.38	0.47	0.48	0.41	0.28	0.50	0.56	0.31	0.53	0.50	0.33	0.33	0.29	0.49	0.47	0.69	0.42	
m,p-Xylenes	µg/kg	N/A	2,400,000	N/A	N/A	N/A	N/A	ND	ND	0.50	0.43	0.40	ND	0.53	0.60	ND	0.52	0.53	ND	ND	ND	0.50	ND	0.69	0.49	
Toluene	µg/kg	N/A	47,000	5,300	N/A	N/A	N/A	0.83	1.0	1.3	1.2	1.1	0.71	1.4	1.5	0.84	1.4	1.3	0.86	0.86	0.88	1.4	1.3	1.7	1.2	
<b>Organochlorine Pesticides (OCPs) by EPA Method 8081A</b>																										
4,4-DDE	µg/kg	1,000	9,300	9,300	N/A	N/A	N/A	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

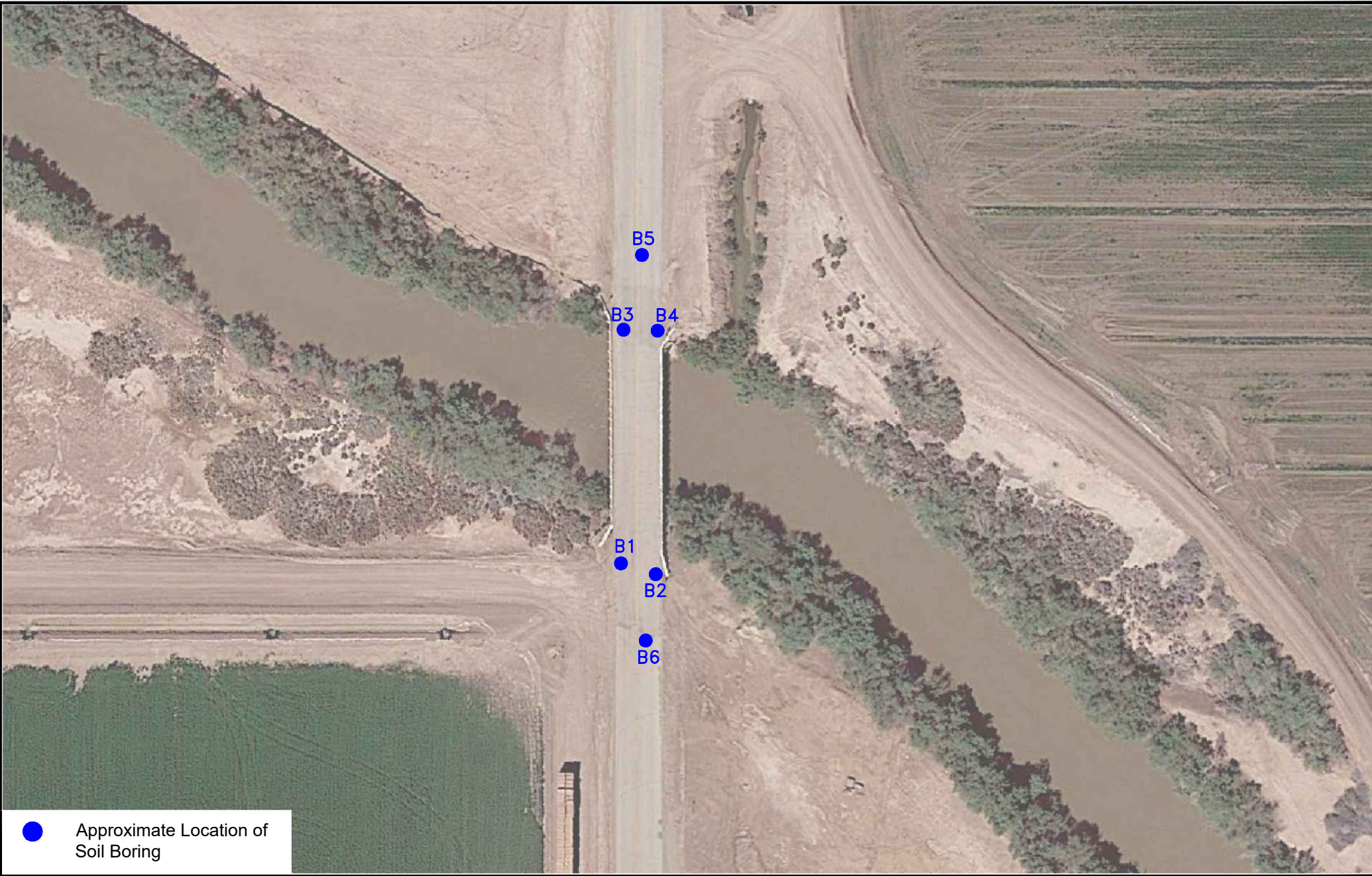
**Notes:**  
 mg/kg = milligrams per kilogram  
 ug/kg = micrograms per kilogram  
 TTL = Total Threshold Limit Concentration  
 ND = Not Detected above laboratory method detection limit(s).  
 TPHg = Total Petroleum Hydrocarbons as gasoline  
 TPHd = Total Petroleum Hydrocarbons as diesel  
 TPHo = Total Petroleum Hydrocarbons as heavy hydrocarbons  
 USEPA RSLs = United States Environmental Protection Agency Regional Screening Levels for Commercial/Industrial Soil, updated May 2021  
 DTSC HERO Note 3 SLs = Department of Toxic Substance Control (DTSC) Human and Ecological Risk Office (HERO) Screening Levels for Commercial/Industrial Soil, updated June 2020  
 DTSC Southern CA Regional Background = Regional background arsenic concentration (12 mg/kg) for Southern California soils; DTSC, March 2008  
 TTL = Total Threshold Limit Concentration  
 ESLs = San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels for Commercial Soil and Construction Workers, updated February 2019  
 N/A = Not Applicable

**Table 1**  
 Laboratory Analysis Summary - Soils  
 Lack Road Bridge  
 Imperial County, California

Chemical	Units	HazWaste Threshold (TTL)	USEPA RSL (Industrial)	DTSC HERO Note 3 SLs (Industrial)	DTSC Southern CA Regional Background	ESLs (Industrial)	ESLs (Construction Worker)	B5-5.0	B5-10	B5-15	B6-0.5	B6-5.0	B6-5.0 DUP	B6-10	B6-15
<b>Title 22 Metals by EPA Method 6010B/7471A</b>															
Antimony	mg/kg	500	470	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	500	3.0	0.36	12	N/A	N/A	2.84	2.39	2.34	4.90	3.75	ND	3.52	4.05
Barium	mg/kg	10,000	220,000	N/A	N/A	N/A	N/A	119	86.9	101	140	141	71.8	159	186
Beryllium	mg/kg	75	2,300	230	N/A	N/A	N/A	0.264	ND	ND	0.424	0.315	ND	0.328	0.401
Cadmium	mg/kg	100	980	780	N/A	N/A	N/A	0.368	0.216	0.248	0.559	0.452	ND	0.439	0.545
Chromium	mg/kg	2,500	N/A	N/A	N/A	N/A	N/A	4.00	2.05	2.83	5.72	5.04	1.92	4.61	6.27
Cobalt	mg/kg	8,000	350	N/A	N/A	N/A	N/A	3.79	2.53	2.82	5.10	4.58	2.21	4.71	6.06
Copper	mg/kg	2,500	47,000	N/A	N/A	N/A	N/A	10.5	4.01	5.36	13.3	12.5	2.83	11.4	16.2
Lead	mg/kg	1,000	800	320	N/A	N/A	N/A	5.91	3.41	3.89	9.25	6.58	2.86	6.79	8.13
Molybdenum	mg/kg	3,500	5,800	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	0.473
Nickel	mg/kg	2,000	22,000	11,000	N/A	N/A	N/A	7.33	4.31	4.89	9.76	8.75	3.57	8.83	11.6
Selenium	mg/kg	100	5,800	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
Silver	mg/kg	500	5,800	N/A	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	2,400	5,800	N/A	N/A	N/A	N/A	9.18	5.49	6.56	13.3	11.1	4.75	10.8	13.4
Zinc	mg/kg	5,000	350,000	N/A	N/A	N/A	N/A	23.3	12.1	14.9	33.8	28.1	9.70	26.2	34.2
Mercury	mg/kg	20	46	N/A	N/A	N/A	N/A	ND	0.0141	0.0149	ND	ND	ND	0.0144	ND
<b>Total Petroleum Hydrocarbons (TPH) by EPA Method 8015M</b>															
TPHg (C4-C12)	mg/kg	N/A	N/A	N/A	N/A	2,000	1,800	0.063J	0.067J	0.051J	0.053J	0.062J	0.061J	0.061J	0.074J
TPHd (C13-C22)	mg/kg	N/A	N/A	N/A	N/A	1,200	1,100	ND	ND	ND	ND	ND	ND	ND	ND
TPHo (C23-C40)	mg/kg	N/A	N/A	N/A	N/A	180,000	54,000	ND	ND	ND	ND	4.7J	ND	ND	ND
<b>Volatile Organic Compounds (VOCs) by EPA Method 8260B</b>															
Acetone	µg/kg	N/A	670,000	N/A	N/A	N/A	N/A	12	ND	17	15	10	13	ND	9.7
Benzene	µg/kg	N/A	5.1	46	N/A	N/A	N/A	1.3	0.70	1.1	1.4	0.97	1.1	1.2	1.0
Ethanol	µg/kg	N/A	N/A	N/A	N/A	N/A	N/A	120	53	ND	170	77	ND	73	ND
Ethylbenzene	µg/kg	N/A	25,000	N/A	N/A	N/A	N/A	0.56	0.31	0.45	0.50	0.38	0.45	0.46	0.50
m,p-Xylenes	µg/kg	N/A	2,400,000	N/A	N/A	N/A	N/A	0.56	0.37	ND	0.49	0.36	0.50	0.45	0.42
Toluene	µg/kg	N/A	47,000	5,300	N/A	N/A	N/A	1.5	0.92	1.3	1.5	1.1	1.4	1.4	1.4
<b>Organochlorine Pesticides (OCPs) by EPA Method 8081A</b>															
4,4-DDE	µg/kg	1,000	9,300	9,300	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND

**Notes:**  
 mg/kg = milligrams per kilogram  
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 TTL = Total Threshold Limit Concentration  
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 TPHg = Total Petroleum Hydrocarbons as gasoline  
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 TTL = Total Threshold Limit Concentration  
 ESLs = San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels for Commercial Soil and Construction Workers, update  
 N/A = Not Applicable

W:\Clients\N-SNV5 (NVEE)\NVEE-21-10415 New River Soil Sampling\Photos - Drawings\CAD\Lack Road.dwg



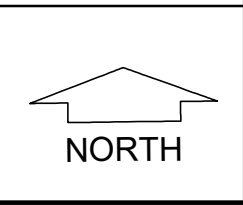
● Approximate Location of Soil Boring

## FIGURE 1: Boring Location Map

CLIENT: Imperial County

SITE LOCATION: Lack Road Bridge  
Imperial County, California

DRAWN: BP	APPROVED: EF
SCALE: None	DATE: August 2021
PROJECT #: NVEE-21-10415	
SOURCE: Google Earth Professional	



3777 Long Beach Blvd. Annex Bldg. Long Beach, California 90807  
P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ www.altaviron.com



# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B1  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
0630		B1-0.5	▲▼			↓		0.0	Asphalt Surface ----- Road Base -----
0635		B1-5.0	▲▼	5				0.0	<b>Lean CLAY</b> , medium brown, moist, medium stiff, no odor, no staining.  <b>As above</b>
0640		B1-10	▲▼	10	CL			0.0	<b>As Above</b>
0645		B1-15	▲▼	15				0.0	<b>As above</b> , very moist  Boring terminated at 15 feet, bgs No groundwater encounter

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B2  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
									Asphalt Surface ----- Road Base ----- Lean <b>CLAY</b> , medium brown, moist, nonplaster, medium stiff, no odor, no staining
0650		B2-0.5	▲▼					0.0	
0655		B2-5.0	▲▼	5				0.0	<b>As above</b> , soft
0700		B2-10	▲▼	10	CL			0.0	<b>As Above</b>
0705		B2-15	▲▼	15				0.0	<b>As above</b> , very moist  Boring terminated at 15 feet, bgs No groundwater encounter
				20					

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B3  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
0830		B3-0.5	▲▼					0.0	Asphalt Surface Road Base  <b>Lean CLAY</b> , medium brown, soft, moist, no odor, no staining
0835		B3-5.0	▲▼	5				0.0	<b>As above</b> , soft
0840		B3-10	▲▼	10	CL			0.0	<b>As Above</b>
0845		B3-15	▲▼	15				0.0	<b>As above</b> , very moist  Boring terminated at 15 feet, bgs No groundwater encounter

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B4  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
0850 /0851		B4-0.5 /DUP	▲▼			↓		0.0	Asphalt Surface ----- Road Base ----- <b>Lean CLAY</b> , medium brown, soft, moist, no odor, no staining
0855		B4-5.0	▲▼	5				0.0	<b>As above</b>
0900		B4-10	▲▼	10	CL			0.0	<b>As Above</b>
0905		B4-15	▲▼	15				0.0	<b>As above</b> , very moist  Boring terminated at 15 feet, bgs No groundwater encounter
				20					

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B5  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
0930		B5-0.5	▲▼			↓			Asphalt Surface ----- Road Base -----
0935		B5-5.0	▲▼	5	CL	▨		0.0	<b>Lean CLAY</b> , medium brown, soft, moist, no odor, no staining.
0940		B5-10	▲▼	10	SM	▧		0.0	<b>Silty SAND</b> fine grained, medium brown, medium dense, moist, no odor, no staining
0945		B5-15	▲▼	15		▩		0.0	<b>As Above</b>
				20					<b>As above</b> , very moist
									Boring terminated at 15 feet, bgs No groundwater encounter

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

# ALTA ENVIRONMENTAL Boring Log

**PROJECT NUMBER** NVEE-21-10415 **BORING/WELL NUMBER** B6  
**PROJECT NAME** Limited Environmental Soil Sampling **DATE DRILLED** 8/06/21  
**LOCATION** Lack Road Bridge, Imperial County, CA **CASING DIAMETER/TYPE** NA  
**DRILLING METHOD** Geoprobe **SLOT SIZE** NA **SCREEN INTERVAL** NA  
**SAMPLING METHOD** Direct-push **GRAVEL PACK TYPE** NA  
**BORING DIAMETER** 2.25" **DRILLING CONTRACTOR** Strongarm Environmental Field Services  
**BORING DEPTH (FT BGS)** 15 **WELL DEPTH (FT BGS)** NA **DEPTH TO WATER DURING DRILLING (FT BGS)** NA  
**LOGGED BY** BP **CHECKED BY** EF **DEPTH TO WATER AFTER INSTALLATION (FT BTC)** NA  
**REMARKS** PID calibrated to 50 ppm hexane

TIME	BLOW COUNT	SAMPLE ID.	SAMPLE INTERVAL	DEPTH (BGS)	U.S.C.S.	GRAPHIC LOG	WELL DIAGRAM	PID (ppm)	LITHOLOGIC DESCRIPTION
0720		B6-0.5	▲▼			▲▼			Asphalt Surface ----- Road Base -----
0725 /0726		B6-0.5 /DUP	▲▼	5	CL	▲▼		0.0	<b>Lean CLAY</b> , medium brown, medium stiff, moist, no odor, no staining.
0730		B6-10	▲▼	10	SM	▲▼		0.0	<b>Silty SAND</b> fine grained, medium brown, medium dense, moist, no odor, no staining
0735		B6-15	▲▼	15		▲▼		0.0	<b>As Above</b>
				20					<b>As above</b> , very moist
									Boring terminated at 15 feet, bgs No groundwater encounter

WELL-MODIFIED NVEE-21-10415.GPJ WELL.GDT 8/27/21

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-66529-1  
Client Project/Site: Lack Rd Bridge / NVEE-21-10415  
Revision: 1

For:  
NV5, Inc  
3777 Long Beach Blvd,  
Long Beach, California 90807

Attn: Eric Fraske

*Vik Patel*

Authorized for release by:  
8/27/2021 1:18:07 PM

Vikas Patel, Project Manager I  
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### LINKS

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Definitions/Glossary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

# Definitions/Glossary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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# Case Narrative

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Job ID: 570-66529-1**

**Laboratory: Eurofins Calscience LLC**

## Narrative

### Job Narrative 570-66529-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 8/6/2021 3:07 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.6° C and 3.9° C.

#### GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-169996.

Method 8260B: The initial calibration curve analyzed in batch 570-170095 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-170095.

Method 8260B: The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-172219.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC VOA

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-170423.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-170394.

Method 8015B: The laboratory control sample (LCS) for batch 170262 recovered outside control limits for the following analytes: Gasoline Range Organics (C4-C13).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

Method 8081A: The continuing calibration verification (CCV) associated with batch 570-170595 recovered above the upper control limit for Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-170734 and analytical batch 570-170956 recovered outside control limits for the following analytes: gamma-BHC, Heptachlor, Dieldrin, Endosulfan I, Endosulfan II, Aldrin, alpha-BHC, 4,4'-DDD, 4,4'-DDE and Endrin aldehyde

Method 8141A: The continuing calibration verification (CCV) associated with 570-170281 recovered high and outside the control limits on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The continuing calibration verification (CCV) associated with batch 570-170281 recovered above the upper control limit for Naled and Stirophos. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with 570-170281 recovered high and outside the control limits for

# Case Narrative

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Job ID: 570-66529-1 (Continued)

### Laboratory: Eurofins Calscience LLC (Continued)

Azinphos-methyl and Merphos on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The continuing calibration verification (CCVC) associated with batch 570-170281 recovered above the upper control limit for Azinphos-methyl, Merphos, Naled and Stirophos. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The closing continuing calibration verification (CCVC) associated with batch 570-170281 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-169934 and 570-169935 and analytical batch 570-171134 recovered outside control limits for the following analytes: Naled. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with batch 570-171134 recovered above the upper control limit for Naled. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with batch 570-171134 recovered above the upper control limit for Merphos and Naled. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with 570-171134 recovered high and outside the control limits on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The continuing calibration verification (CCV) associated with 570-171134 recovered high and outside the control limits for Merphos on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The laboratory control sample duplicate (LCSD) for preparation batch 570-170556 and analytical batch 570-171134 recovered outside control limits for the following analytes: Naled. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with batch 570-171134 recovered above the upper control limit for Merphos. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with 570-171134 recovered high and outside the control limits for Azinphos-methyl, Dichlorvos, Naled and Stirophos on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The continuing calibration verification (CCV) associated with 570-171134 recovered high and outside the control limits for Naled on one column. Results are confirmed on both columns and reported from the passing column.

Method 8151A: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-170649 and analytical batch 570-172841 exceeded control limits for the following analyte(s): Dinoseb, Note that this analyte is a known poor performer when analyzed using this method.

Method 8151A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-172456 and analytical batch 570-174010 recovered outside control limits for the following analytes: Dinoseb

Method 8151A: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-172456 and analytical batch 570-174010 recovered outside control limits for the following analyte(s): Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Metals

# Case Narrative

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

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## Job ID: 570-66529-1 (Continued)

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### Laboratory: Eurofins Calscience LLC (Continued)

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-172649 and analytical batch 570-172875 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Barium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-172649 and analytical batch 570-172875 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-172661 and analytical batch 570-172875 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Barium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-172661 and analytical batch 570-172875 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-170734. LCS/LCSD performed to meet QC requirement. 8081/8082

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B1-0.5

## Lab Sample ID: 570-66529-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	16	7.9	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.69	J	0.80	0.21	ug/Kg	1		8260B/5035	Total/NA
Ethanol	130	J	200	53	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.31	J	0.80	0.17	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.83		0.80	0.48	ug/Kg	1		8260B/5035	Total/NA
Arsenic	5.96		2.44	2.21	mg/Kg	1		6010B	Total/NA
Barium	139		0.488	0.216	mg/Kg	1		6010B	Total/NA
Beryllium	0.513		0.244	0.167	mg/Kg	1		6010B	Total/NA
Cadmium	0.597		0.488	0.197	mg/Kg	1		6010B	Total/NA
Cobalt	5.41		0.976	0.222	mg/Kg	1		6010B	Total/NA
Chromium	5.26		0.976	0.171	mg/Kg	1		6010B	Total/NA
Copper	14.7		0.976	0.495	mg/Kg	1		6010B	Total/NA
Molybdenum	0.458	J F1	0.488	0.440	mg/Kg	1		6010B	Total/NA
Nickel	9.88		0.488	0.419	mg/Kg	1		6010B	Total/NA
Vanadium	14.1		0.976	0.167	mg/Kg	1		6010B	Total/NA
Zinc	35.0		9.76	4.99	mg/Kg	1		6010B	Total/NA
Lead	11.2		4.88	0.943	mg/Kg	1		6010B	Total/NA
Mercury	0.0140	J	0.0794	0.0129	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B1-5.0

## Lab Sample ID: 570-66529-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.87		0.85	0.22	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.38	J	0.85	0.17	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.0		0.85	0.51	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.052	J	0.083	0.046	mg/Kg	1		8015B/5035	Total/NA
TPH as Diesel (C13-C22)	70		4.9	3.7	mg/Kg	1		8015B	Total/NA
ORO (C23-C44)	240		4.9	3.7	mg/Kg	1		8015B	Total/NA
Arsenic	3.79		2.45	2.22	mg/Kg	1		6010B	Total/NA
Barium	108		0.490	0.217	mg/Kg	1		6010B	Total/NA
Beryllium	0.328		0.245	0.168	mg/Kg	1		6010B	Total/NA
Cadmium	0.408	J	0.490	0.198	mg/Kg	1		6010B	Total/NA
Cobalt	3.71		0.980	0.223	mg/Kg	1		6010B	Total/NA
Chromium	4.13		0.980	0.172	mg/Kg	1		6010B	Total/NA
Copper	10.1		0.980	0.497	mg/Kg	1		6010B	Total/NA
Nickel	6.74		0.490	0.421	mg/Kg	1		6010B	Total/NA
Vanadium	9.74		0.980	0.168	mg/Kg	1		6010B	Total/NA
Zinc	23.5		9.80	5.01	mg/Kg	1		6010B	Total/NA
Lead	7.64		4.90	0.948	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B1-10

## Lab Sample ID: 570-66529-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	18	8.9	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.97		0.90	0.23	ug/Kg	1		8260B/5035	Total/NA
Ethanol	130	J	230	60	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.47	J	0.90	0.19	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.50	J	1.8	0.43	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.3		0.90	0.54	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.076	J	0.094	0.052	mg/Kg	1		8015B/5035	Total/NA
Arsenic	3.85		2.60	2.36	mg/Kg	1		6010B	Total/NA
Barium	169		0.521	0.231	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B1-10 (Continued)

## Lab Sample ID: 570-66529-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.324		0.260	0.178	mg/Kg	1		6010B	Total/NA
Cadmium	0.428	J	0.521	0.210	mg/Kg	1		6010B	Total/NA
Cobalt	5.73		1.04	0.237	mg/Kg	1		6010B	Total/NA
Chromium	4.16		1.04	0.183	mg/Kg	1		6010B	Total/NA
Copper	10.5		1.04	0.528	mg/Kg	1		6010B	Total/NA
Nickel	9.04		0.521	0.447	mg/Kg	1		6010B	Total/NA
Vanadium	11.2		1.04	0.179	mg/Kg	1		6010B	Total/NA
Zinc	25.9		10.4	5.33	mg/Kg	1		6010B	Total/NA
Lead	7.20		5.21	1.01	mg/Kg	1		6010B	Total/NA
Mercury	0.0168	J	0.0833	0.0135	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B1-15

## Lab Sample ID: 570-66529-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.1	J	16	7.7	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.83		0.78	0.20	ug/Kg	1		8260B/5035	Total/NA
Ethanol	84	J	200	51	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.48	J	0.78	0.16	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.43	J	1.6	0.37	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.2		0.78	0.47	ug/Kg	1		8260B/5035	Total/NA
Arsenic	3.45		2.54	2.30	mg/Kg	1		6010B	Total/NA
Barium	71.7		0.508	0.225	mg/Kg	1		6010B	Total/NA
Cadmium	0.239	J	0.508	0.205	mg/Kg	1		6010B	Total/NA
Cobalt	2.79		1.02	0.231	mg/Kg	1		6010B	Total/NA
Chromium	2.17		1.02	0.178	mg/Kg	1		6010B	Total/NA
Copper	4.09		1.02	0.515	mg/Kg	1		6010B	Total/NA
Nickel	4.45		0.508	0.436	mg/Kg	1		6010B	Total/NA
Vanadium	6.21		1.02	0.174	mg/Kg	1		6010B	Total/NA
Zinc	12.8		10.2	5.19	mg/Kg	1		6010B	Total/NA
Lead	3.94	J	5.08	0.982	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B2-0.5

## Lab Sample ID: 570-66529-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	J	17	8.2	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.89		0.84	0.22	ug/Kg	1		8260B/5035	Total/NA
Ethanol	160	J	210	55	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.41	J	0.84	0.17	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.40	J	1.7	0.40	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.1		0.84	0.50	ug/Kg	1		8260B/5035	Total/NA
ORO (C23-C44)	37		5.1	3.9	mg/Kg	1		8015B	Total/NA
4,4'-DDE	4.0	J	5.0	0.53	ug/Kg	1		8081A	Total/NA
Arsenic	4.37		2.58	2.33	mg/Kg	1		6010B	Total/NA
Barium	126		0.515	0.229	mg/Kg	1		6010B	Total/NA
Beryllium	0.341		0.258	0.176	mg/Kg	1		6010B	Total/NA
Cadmium	0.441	J	0.515	0.208	mg/Kg	1		6010B	Total/NA
Cobalt	4.50		1.03	0.234	mg/Kg	1		6010B	Total/NA
Chromium	4.41		1.03	0.181	mg/Kg	1		6010B	Total/NA
Copper	12.0		1.03	0.523	mg/Kg	1		6010B	Total/NA
Nickel	7.95		0.515	0.443	mg/Kg	1		6010B	Total/NA
Vanadium	10.9		1.03	0.177	mg/Kg	1		6010B	Total/NA
Zinc	32.4		10.3	5.27	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B2-0.5 (Continued)

## Lab Sample ID: 570-66529-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16.3		5.15	0.997	mg/Kg	1		6010B	Total/NA
Mercury	0.0172	J	0.0806	0.0131	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B2-5.0

## Lab Sample ID: 570-66529-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.58	J	0.67	0.17	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.28	J	0.67	0.14	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.71		0.67	0.40	ug/Kg	1		8260B/5035	Total/NA
TPH as Diesel (C13-C22)	5.9		4.8	3.7	mg/Kg	1		8015B	Total/NA
ORO (C23-C44)	30		4.8	3.7	mg/Kg	1		8015B	Total/NA
Arsenic	4.22		2.51	2.28	mg/Kg	1		6010B	Total/NA
Barium	118		0.503	0.223	mg/Kg	1		6010B	Total/NA
Beryllium	0.359		0.251	0.172	mg/Kg	1		6010B	Total/NA
Cadmium	0.481	J	0.503	0.203	mg/Kg	1		6010B	Total/NA
Cobalt	4.87		1.01	0.228	mg/Kg	1		6010B	Total/NA
Chromium	5.09		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	14.1		1.01	0.510	mg/Kg	1		6010B	Total/NA
Nickel	8.66		0.503	0.432	mg/Kg	1		6010B	Total/NA
Vanadium	11.6		1.01	0.173	mg/Kg	1		6010B	Total/NA
Zinc	38.4		10.1	5.14	mg/Kg	1		6010B	Total/NA
Lead	30.6		5.03	0.972	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B2-10

## Lab Sample ID: 570-66529-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	17	8.5	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.2		0.86	0.22	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.50	J	0.86	0.18	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.53	J	1.7	0.41	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		0.86	0.52	ug/Kg	1		8260B/5035	Total/NA
Arsenic	2.80		2.44	2.21	mg/Kg	1		6010B	Total/NA
Barium	64.0		0.488	0.216	mg/Kg	1		6010B	Total/NA
Cadmium	0.198	J	0.488	0.197	mg/Kg	1		6010B	Total/NA
Cobalt	2.24		0.976	0.222	mg/Kg	1		6010B	Total/NA
Chromium	2.09		0.976	0.171	mg/Kg	1		6010B	Total/NA
Copper	3.38		0.976	0.495	mg/Kg	1		6010B	Total/NA
Nickel	3.67		0.488	0.419	mg/Kg	1		6010B	Total/NA
Vanadium	4.96		0.976	0.167	mg/Kg	1		6010B	Total/NA
Zinc	10.2		9.76	4.99	mg/Kg	1		6010B	Total/NA
Lead	3.35	J	4.88	0.943	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B2-15

## Lab Sample ID: 570-66529-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		0.79	0.20	ug/Kg	1		8260B/5035	Total/NA
Ethanol	63	J	200	52	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.56	J	0.79	0.16	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.60	J	1.6	0.38	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.5		0.79	0.48	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.061	J	0.086	0.048	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.71		2.50	2.26	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC



# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B2-15 (Continued)

## Lab Sample ID: 570-66529-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	166		0.500	0.222	mg/Kg	1		6010B	Total/NA
Beryllium	0.318		0.250	0.171	mg/Kg	1		6010B	Total/NA
Cadmium	0.421	J	0.500	0.202	mg/Kg	1		6010B	Total/NA
Cobalt	4.36		1.00	0.227	mg/Kg	1		6010B	Total/NA
Chromium	3.97		1.00	0.176	mg/Kg	1		6010B	Total/NA
Copper	10.1		1.00	0.507	mg/Kg	1		6010B	Total/NA
Nickel	7.86		0.500	0.429	mg/Kg	1		6010B	Total/NA
Vanadium	10.7		1.00	0.172	mg/Kg	1		6010B	Total/NA
Zinc	24.2		10.0	5.11	mg/Kg	1		6010B	Total/NA
Lead	6.89		5.00	0.967	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B3-0.5

## Lab Sample ID: 570-66529-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	14	6.8	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.78		0.70	0.18	ug/Kg	1		8260B/5035	Total/NA
Ethanol	51	J	170	46	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.31	J	0.70	0.14	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.84		0.70	0.42	ug/Kg	1		8260B/5035	Total/NA
Arsenic	8.25		2.49	2.25	mg/Kg	1		6010B	Total/NA
Barium	252		0.498	0.221	mg/Kg	1		6010B	Total/NA
Beryllium	0.884		0.249	0.170	mg/Kg	1		6010B	Total/NA
Cadmium	1.01		0.498	0.201	mg/Kg	1		6010B	Total/NA
Cobalt	9.99		0.995	0.226	mg/Kg	1		6010B	Total/NA
Chromium	13.1		0.995	0.175	mg/Kg	1		6010B	Total/NA
Copper	31.2		0.995	0.505	mg/Kg	1		6010B	Total/NA
Molybdenum	0.951		0.498	0.448	mg/Kg	1		6010B	Total/NA
Nickel	20.2		0.498	0.427	mg/Kg	1		6010B	Total/NA
Vanadium	24.7		0.995	0.171	mg/Kg	1		6010B	Total/NA
Zinc	64.9		9.95	5.09	mg/Kg	1		6010B	Total/NA
Lead	16.7		4.98	0.962	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B3-5.0

## Lab Sample ID: 570-66529-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		0.93	0.24	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.53	J	0.93	0.19	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.52	J	1.9	0.44	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		0.93	0.56	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.089	J	0.099	0.055	mg/Kg	1		8015B/5035	Total/NA
TPH as Diesel (C13-C22)	59		4.9	3.8	mg/Kg	1		8015B	Total/NA
ORO (C23-C44)	210		4.9	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	3.63		2.43	2.20	mg/Kg	1		6010B	Total/NA
Barium	138		0.485	0.215	mg/Kg	1		6010B	Total/NA
Beryllium	0.355		0.243	0.166	mg/Kg	1		6010B	Total/NA
Cadmium	0.445	J	0.485	0.196	mg/Kg	1		6010B	Total/NA
Cobalt	4.89		0.971	0.221	mg/Kg	1		6010B	Total/NA
Chromium	4.73		0.971	0.171	mg/Kg	1		6010B	Total/NA
Copper	10.6		0.971	0.492	mg/Kg	1		6010B	Total/NA
Molybdenum	0.456	J	0.485	0.437	mg/Kg	1		6010B	Total/NA
Nickel	8.55		0.485	0.417	mg/Kg	1		6010B	Total/NA
Vanadium	10.2		0.971	0.167	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B3-5.0 (Continued)

## Lab Sample ID: 570-66529-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	26.5		9.71	4.97	mg/Kg	1		6010B	Total/NA
Lead	6.65		4.85	0.939	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B3-10

## Lab Sample ID: 570-66529-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.0		0.86	0.22	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.50	J	0.86	0.18	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.53	J	1.7	0.41	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.3		0.86	0.51	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.048	J	0.075	0.042	mg/Kg	1		8015B/5035	Total/NA
Arsenic	3.78		2.46	2.23	mg/Kg	1		6010B	Total/NA
Barium	136		0.493	0.218	mg/Kg	1		6010B	Total/NA
Beryllium	0.342		0.246	0.168	mg/Kg	1		6010B	Total/NA
Cadmium	0.409	J	0.493	0.199	mg/Kg	1		6010B	Total/NA
Cobalt	4.24		0.985	0.224	mg/Kg	1		6010B	Total/NA
Chromium	3.78		0.985	0.173	mg/Kg	1		6010B	Total/NA
Copper	10.1		0.985	0.500	mg/Kg	1		6010B	Total/NA
Nickel	7.49		0.493	0.423	mg/Kg	1		6010B	Total/NA
Vanadium	9.30		0.985	0.169	mg/Kg	1		6010B	Total/NA
Zinc	23.4		9.85	5.04	mg/Kg	1		6010B	Total/NA
Lead	6.46		4.93	0.953	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B3-15

## Lab Sample ID: 570-66529-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.68	J	0.78	0.20	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.33	J	0.78	0.16	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.86		0.78	0.47	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.047	J	0.079	0.044	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.49		2.38	2.16	mg/Kg	1		6010B	Total/NA
Barium	145		0.476	0.211	mg/Kg	1		6010B	Total/NA
Beryllium	0.255		0.238	0.163	mg/Kg	1		6010B	Total/NA
Cadmium	0.425	J	0.476	0.192	mg/Kg	1		6010B	Total/NA
Cobalt	4.34		0.952	0.216	mg/Kg	1		6010B	Total/NA
Chromium	3.82		0.952	0.167	mg/Kg	1		6010B	Total/NA
Copper	9.66		0.952	0.483	mg/Kg	1		6010B	Total/NA
Molybdenum	0.967		0.476	0.429	mg/Kg	1		6010B	Total/NA
Nickel	8.16		0.476	0.409	mg/Kg	1		6010B	Total/NA
Vanadium	9.94		0.952	0.163	mg/Kg	1		6010B	Total/NA
Zinc	22.2		9.52	4.87	mg/Kg	1		6010B	Total/NA
Lead	5.76		4.76	0.921	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B4-0.5

## Lab Sample ID: 570-66529-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	15	7.3	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.78		0.74	0.19	ug/Kg	1		8260B/5035	Total/NA
Ethanol	81	J	190	49	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.33	J	0.74	0.15	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.86		0.74	0.44	ug/Kg	1		8260B/5035	Total/NA
Arsenic	6.60		2.60	2.36	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B4-0.5 (Continued)

## Lab Sample ID: 570-66529-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	169		0.521	0.231	mg/Kg	1		6010B	Total/NA
Beryllium	0.684		0.260	0.178	mg/Kg	1		6010B	Total/NA
Cadmium	0.684		0.521	0.210	mg/Kg	1		6010B	Total/NA
Cobalt	6.92		1.04	0.237	mg/Kg	1		6010B	Total/NA
Chromium	6.35		1.04	0.183	mg/Kg	1		6010B	Total/NA
Copper	24.0		1.04	0.528	mg/Kg	1		6010B	Total/NA
Molybdenum	0.470	J	0.521	0.469	mg/Kg	1		6010B	Total/NA
Nickel	12.5		0.521	0.447	mg/Kg	1		6010B	Total/NA
Vanadium	16.8		1.04	0.179	mg/Kg	1		6010B	Total/NA
Zinc	42.4		10.4	5.33	mg/Kg	1		6010B	Total/NA
Lead	13.7		5.21	1.01	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B4-0.5DUP

## Lab Sample ID: 570-66529-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	16	7.8	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.87		0.79	0.20	ug/Kg	1		8260B/5035	Total/NA
Ethanol	100	J	200	52	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.29	J	0.79	0.16	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.88		0.79	0.48	ug/Kg	1		8260B/5035	Total/NA
TPH as Diesel (C13-C22)	22		5.0	3.8	mg/Kg	1		8015B	Total/NA
ORO (C23-C44)	170		5.0	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	5.79		2.58	2.33	mg/Kg	1		6010B	Total/NA
Barium	149		0.515	0.229	mg/Kg	1		6010B	Total/NA
Beryllium	0.635		0.258	0.176	mg/Kg	1		6010B	Total/NA
Cadmium	0.634		0.515	0.208	mg/Kg	1		6010B	Total/NA
Cobalt	7.26		1.03	0.234	mg/Kg	1		6010B	Total/NA
Chromium	6.64		1.03	0.181	mg/Kg	1		6010B	Total/NA
Copper	28.8		1.03	0.523	mg/Kg	1		6010B	Total/NA
Nickel	13.5		0.515	0.443	mg/Kg	1		6010B	Total/NA
Vanadium	17.2		1.03	0.177	mg/Kg	1		6010B	Total/NA
Zinc	39.9		10.3	5.27	mg/Kg	1		6010B	Total/NA
Lead	13.2		5.15	0.997	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B4-5.0

## Lab Sample ID: 570-66529-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	J	20	9.6	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.2		0.98	0.25	ug/Kg	1		8260B/5035	Total/NA
Ethanol	68	J	240	64	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.49	J	0.98	0.20	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.50	J	2.0	0.46	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		0.98	0.59	ug/Kg	1		8260B/5035	Total/NA
Arsenic	4.41		2.51	2.28	mg/Kg	1		6010B	Total/NA
Barium	153		0.503	0.223	mg/Kg	1		6010B	Total/NA
Beryllium	0.332		0.251	0.172	mg/Kg	1		6010B	Total/NA
Cadmium	0.509		0.503	0.203	mg/Kg	1		6010B	Total/NA
Cobalt	5.14		1.01	0.228	mg/Kg	1		6010B	Total/NA
Chromium	5.39		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	13.2		1.01	0.510	mg/Kg	1		6010B	Total/NA
Nickel	9.72		0.503	0.432	mg/Kg	1		6010B	Total/NA
Vanadium	12.2		1.01	0.173	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B4-5.0 (Continued)

## Lab Sample ID: 570-66529-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	31.3		10.1	5.14	mg/Kg	1		6010B	Total/NA
Lead	7.52		5.03	0.972	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B4-10

## Lab Sample ID: 570-66529-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21	J	22	11	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.1		1.1	0.28	ug/Kg	1		8260B/5035	Total/NA
Ethanol	130	J	270	72	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.47	J	1.1	0.22	ug/Kg	1		8260B/5035	Total/NA
tert-Butyl alcohol (TBA)	22		22	7.6	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.3		1.1	0.65	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.077	J	0.10	0.057	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.05		2.54	2.30	mg/Kg	1		6010B	Total/NA
Barium	159		0.508	0.225	mg/Kg	1		6010B	Total/NA
Beryllium	0.244	J	0.254	0.174	mg/Kg	1		6010B	Total/NA
Cadmium	0.398	J	0.508	0.205	mg/Kg	1		6010B	Total/NA
Cobalt	5.30		1.02	0.231	mg/Kg	1		6010B	Total/NA
Chromium	4.45		1.02	0.178	mg/Kg	1		6010B	Total/NA
Copper	8.82		1.02	0.515	mg/Kg	1		6010B	Total/NA
Molybdenum	0.613		0.508	0.457	mg/Kg	1		6010B	Total/NA
Nickel	8.76		0.508	0.436	mg/Kg	1		6010B	Total/NA
Vanadium	10.6		1.02	0.174	mg/Kg	1		6010B	Total/NA
Zinc	23.9		10.2	5.19	mg/Kg	1		6010B	Total/NA
Lead	5.85		5.08	0.982	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B4-15

## Lab Sample ID: 570-66529-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	22	11	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.2		1.1	0.28	ug/Kg	1		8260B/5035	Total/NA
Ethanol	210	J	270	71	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.69	J	1.1	0.22	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.69	J	2.2	0.51	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.7		1.1	0.65	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.064	J	0.093	0.051	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.58		2.60	2.36	mg/Kg	1		6010B	Total/NA
Barium	153		0.521	0.231	mg/Kg	1		6010B	Total/NA
Beryllium	0.246	J	0.260	0.178	mg/Kg	1		6010B	Total/NA
Cadmium	0.395	J	0.521	0.210	mg/Kg	1		6010B	Total/NA
Cobalt	4.30		1.04	0.237	mg/Kg	1		6010B	Total/NA
Chromium	4.10		1.04	0.183	mg/Kg	1		6010B	Total/NA
Copper	8.37		1.04	0.528	mg/Kg	1		6010B	Total/NA
Nickel	7.93		0.521	0.447	mg/Kg	1		6010B	Total/NA
Vanadium	10.0		1.04	0.179	mg/Kg	1		6010B	Total/NA
Zinc	23.1		10.4	5.33	mg/Kg	1		6010B	Total/NA
Lead	5.83		5.21	1.01	mg/Kg	1		6010B	Total/NA
Mercury	0.0143	J	0.0877	0.0142	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B5-0.5

## Lab Sample ID: 570-66529-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		18	9.0	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.2		0.92	0.24	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.42	J	0.92	0.19	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.49	J	1.8	0.44	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.2		0.92	0.55	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.045	J	0.077	0.043	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.19		2.51	2.28	mg/Kg	1		6010B	Total/NA
Barium	113		0.503	0.223	mg/Kg	1		6010B	Total/NA
Beryllium	0.403		0.251	0.172	mg/Kg	1		6010B	Total/NA
Cadmium	0.484	J	0.503	0.203	mg/Kg	1		6010B	Total/NA
Cobalt	5.27		1.01	0.228	mg/Kg	1		6010B	Total/NA
Chromium	4.72		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	17.2		1.01	0.510	mg/Kg	1		6010B	Total/NA
Nickel	8.45		0.503	0.432	mg/Kg	1		6010B	Total/NA
Vanadium	11.6		1.01	0.173	mg/Kg	1		6010B	Total/NA
Zinc	41.3		10.1	5.14	mg/Kg	1		6010B	Total/NA
Lead	15.3		5.03	0.972	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B5-5.0

## Lab Sample ID: 570-66529-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	19	9.4	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.3		0.95	0.25	ug/Kg	1		8260B/5035	Total/NA
Ethanol	120	J	240	63	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.56	J	0.95	0.20	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.56	J	1.9	0.45	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.5		0.95	0.57	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.063	J	0.082	0.046	mg/Kg	1		8015B/5035	Total/NA
Arsenic	2.84		2.44	2.21	mg/Kg	1		6010B	Total/NA
Barium	119		0.488	0.216	mg/Kg	1		6010B	Total/NA
Beryllium	0.264		0.244	0.167	mg/Kg	1		6010B	Total/NA
Cadmium	0.368	J	0.488	0.197	mg/Kg	1		6010B	Total/NA
Cobalt	3.79		0.976	0.222	mg/Kg	1		6010B	Total/NA
Chromium	4.00		0.976	0.171	mg/Kg	1		6010B	Total/NA
Copper	10.5		0.976	0.495	mg/Kg	1		6010B	Total/NA
Nickel	7.33		0.488	0.419	mg/Kg	1		6010B	Total/NA
Vanadium	9.18		0.976	0.167	mg/Kg	1		6010B	Total/NA
Zinc	23.3		9.76	4.99	mg/Kg	1		6010B	Total/NA
Lead	5.91		4.88	0.943	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B5-10

## Lab Sample ID: 570-66529-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.70		0.68	0.17	ug/Kg	1		8260B/5035	Total/NA
Ethanol	53	J	170	45	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.31	J	0.68	0.14	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.37	J	1.4	0.32	ug/Kg	1		8260B/5035	Total/NA
Toluene	0.92		0.68	0.41	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.067	J	0.095	0.053	mg/Kg	1		8015B/5035	Total/NA
Arsenic	2.39	J	2.50	2.26	mg/Kg	1		6010B	Total/NA
Barium	86.9		0.500	0.222	mg/Kg	1		6010B	Total/NA
Cadmium	0.216	J	0.500	0.202	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B5-10 (Continued)

## Lab Sample ID: 570-66529-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	2.53		1.00	0.227	mg/Kg	1		6010B	Total/NA
Chromium	2.05		1.00	0.176	mg/Kg	1		6010B	Total/NA
Copper	4.01		1.00	0.507	mg/Kg	1		6010B	Total/NA
Nickel	4.31		0.500	0.429	mg/Kg	1		6010B	Total/NA
Vanadium	5.49		1.00	0.172	mg/Kg	1		6010B	Total/NA
Zinc	12.1		10.0	5.11	mg/Kg	1		6010B	Total/NA
Lead	3.41	J	5.00	0.967	mg/Kg	1		6010B	Total/NA
Mercury	0.0141	J	0.0794	0.0129	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B5-15

## Lab Sample ID: 570-66529-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17	J	20	10	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.1		1.0	0.26	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.45	J	1.0	0.21	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.3		1.0	0.61	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.051	J	0.074	0.041	mg/Kg	1		8015B/5035	Total/NA
Arsenic	2.34	J	2.42	2.19	mg/Kg	1		6010B	Total/NA
Barium	101		0.483	0.214	mg/Kg	1		6010B	Total/NA
Cadmium	0.248	J	0.483	0.195	mg/Kg	1		6010B	Total/NA
Cobalt	2.82		0.966	0.220	mg/Kg	1		6010B	Total/NA
Chromium	2.83		0.966	0.170	mg/Kg	1		6010B	Total/NA
Copper	5.36		0.966	0.490	mg/Kg	1		6010B	Total/NA
Nickel	4.89		0.483	0.415	mg/Kg	1		6010B	Total/NA
Vanadium	6.56		0.966	0.166	mg/Kg	1		6010B	Total/NA
Zinc	14.9	F1	9.66	4.94	mg/Kg	1		6010B	Total/NA
Lead	3.89	J	4.83	0.934	mg/Kg	1		6010B	Total/NA
Mercury	0.0149	J	0.0833	0.0135	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B6-0.5

## Lab Sample ID: 570-66529-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	18	8.6	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.4		0.88	0.23	ug/Kg	1		8260B/5035	Total/NA
Ethanol	170	J	220	58	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.50	J	0.88	0.18	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.49	J	1.8	0.42	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.5		0.88	0.53	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.053	J	0.087	0.048	mg/Kg	1		8015B/5035	Total/NA
Dichlorprop	75	J p	100	50	ug/Kg	1		8151A	Total/NA
Arsenic	4.90		2.42	2.19	mg/Kg	1		6010B	Total/NA
Barium	140		0.483	0.214	mg/Kg	1		6010B	Total/NA
Beryllium	0.424		0.242	0.165	mg/Kg	1		6010B	Total/NA
Cadmium	0.559		0.483	0.195	mg/Kg	1		6010B	Total/NA
Cobalt	5.10		0.966	0.220	mg/Kg	1		6010B	Total/NA
Chromium	5.72		0.966	0.170	mg/Kg	1		6010B	Total/NA
Copper	13.3		0.966	0.490	mg/Kg	1		6010B	Total/NA
Nickel	9.76		0.483	0.415	mg/Kg	1		6010B	Total/NA
Vanadium	13.3		0.966	0.166	mg/Kg	1		6010B	Total/NA
Zinc	33.8		9.66	4.94	mg/Kg	1		6010B	Total/NA
Lead	9.25		4.83	0.934	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B6-5.0

## Lab Sample ID: 570-66529-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	15	7.4	ug/Kg	1		8260B/5035	Total/NA
Benzene	0.97		0.75	0.19	ug/Kg	1		8260B/5035	Total/NA
Ethanol	77	J	190	50	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.38	J	0.75	0.16	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.36	J	1.5	0.36	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.1		0.75	0.45	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.062	J	0.093	0.052	mg/Kg	1		8015B/5035	Total/NA
ORO (C23-C44)	4.7	J	5.2	4.0	mg/Kg	1		8015B	Total/NA
Arsenic	3.75		2.43	2.20	mg/Kg	1		6010B	Total/NA
Barium	141		0.485	0.215	mg/Kg	1		6010B	Total/NA
Beryllium	0.315		0.243	0.166	mg/Kg	1		6010B	Total/NA
Cadmium	0.452	J	0.485	0.196	mg/Kg	1		6010B	Total/NA
Cobalt	4.58		0.971	0.221	mg/Kg	1		6010B	Total/NA
Chromium	5.04		0.971	0.171	mg/Kg	1		6010B	Total/NA
Copper	12.5		0.971	0.492	mg/Kg	1		6010B	Total/NA
Nickel	8.75		0.485	0.417	mg/Kg	1		6010B	Total/NA
Vanadium	11.1		0.971	0.167	mg/Kg	1		6010B	Total/NA
Zinc	28.1		9.71	4.97	mg/Kg	1		6010B	Total/NA
Lead	6.58		4.85	0.939	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B6-5.0DUP

## Lab Sample ID: 570-66529-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	20	9.8	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.1		1.0	0.26	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.45	J	1.0	0.21	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.50	J	2.0	0.47	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		1.0	0.60	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.061	J	0.090	0.050	mg/Kg	1		8015B/5035	Total/NA
Barium	71.8		0.515	0.229	mg/Kg	1		6010B	Total/NA
Cobalt	2.21		1.03	0.234	mg/Kg	1		6010B	Total/NA
Chromium	1.92		1.03	0.181	mg/Kg	1		6010B	Total/NA
Copper	2.83		1.03	0.523	mg/Kg	1		6010B	Total/NA
Nickel	3.57		0.515	0.443	mg/Kg	1		6010B	Total/NA
Vanadium	4.75		1.03	0.177	mg/Kg	1		6010B	Total/NA
Zinc	9.70	J	10.3	5.27	mg/Kg	1		6010B	Total/NA
Lead	2.86	J	5.15	0.997	mg/Kg	1		6010B	Total/NA

## Client Sample ID: B6-10

## Lab Sample ID: 570-66529-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		0.94	0.24	ug/Kg	1		8260B/5035	Total/NA
Ethanol	73	J	240	62	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.46	J	0.94	0.19	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.45	J	1.9	0.45	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		0.94	0.56	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.061	J	0.084	0.047	mg/Kg	1		8015B/5035	Total/NA
Arsenic	3.52		2.51	2.28	mg/Kg	1		6010B	Total/NA
Barium	159		0.503	0.223	mg/Kg	1		6010B	Total/NA
Beryllium	0.328		0.251	0.172	mg/Kg	1		6010B	Total/NA
Cadmium	0.439	J	0.503	0.203	mg/Kg	1		6010B	Total/NA
Cobalt	4.71		1.01	0.228	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B6-10 (Continued)

## Lab Sample ID: 570-66529-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	4.61		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	11.4		1.01	0.510	mg/Kg	1		6010B	Total/NA
Nickel	8.83		0.503	0.432	mg/Kg	1		6010B	Total/NA
Vanadium	10.8		1.01	0.173	mg/Kg	1		6010B	Total/NA
Zinc	26.2		10.1	5.14	mg/Kg	1		6010B	Total/NA
Lead	6.79		5.03	0.972	mg/Kg	1		6010B	Total/NA
Mercury	0.0144	J	0.0820	0.0133	mg/Kg	1		7471A	Total/NA

## Client Sample ID: B6-15

## Lab Sample ID: 570-66529-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.7	J	16	8.1	ug/Kg	1		8260B/5035	Total/NA
Benzene	1.0		0.82	0.21	ug/Kg	1		8260B/5035	Total/NA
Ethylbenzene	0.50	J	0.82	0.17	ug/Kg	1		8260B/5035	Total/NA
m,p-Xylene	0.42	J	1.6	0.39	ug/Kg	1		8260B/5035	Total/NA
Toluene	1.4		0.82	0.49	ug/Kg	1		8260B/5035	Total/NA
Gasoline Range Organics (C4-C12)	0.074	J	0.094	0.052	mg/Kg	1		8015B/5035	Total/NA
Arsenic	4.05		2.60	2.36	mg/Kg	1		6010B	Total/NA
Barium	186		0.521	0.231	mg/Kg	1		6010B	Total/NA
Beryllium	0.401		0.260	0.178	mg/Kg	1		6010B	Total/NA
Cadmium	0.545		0.521	0.210	mg/Kg	1		6010B	Total/NA
Cobalt	6.06		1.04	0.237	mg/Kg	1		6010B	Total/NA
Chromium	6.27		1.04	0.183	mg/Kg	1		6010B	Total/NA
Copper	16.2		1.04	0.528	mg/Kg	1		6010B	Total/NA
Molybdenum	0.473	J	0.521	0.469	mg/Kg	1		6010B	Total/NA
Nickel	11.6		0.521	0.447	mg/Kg	1		6010B	Total/NA
Vanadium	13.4		1.04	0.179	mg/Kg	1		6010B	Total/NA
Zinc	34.2		10.4	5.33	mg/Kg	1		6010B	Total/NA
Lead	8.13		5.21	1.01	mg/Kg	1		6010B	Total/NA

## Client Sample ID: EB

## Lab Sample ID: 570-66529-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	4.2		1.0	0.28	ug/L	1		8260B	Total/NA
Bromoform	3.1	J	5.0	1.5	ug/L	1		8260B	Total/NA
Carbon disulfide	1.6	J	10	0.40	ug/L	1		8260B	Total/NA
Chloroform	4.3		1.0	0.50	ug/L	1		8260B	Total/NA
Dibromochloromethane	4.3		2.0	0.34	ug/L	1		8260B	Total/NA
Toluene	0.40	J	1.0	0.34	ug/L	1		8260B	Total/NA
Endosulfan I	0.033	J *1	0.049	0.012	ug/L	1		8081A	Total/NA
Copper	0.0732		0.0500	0.00845	mg/L	1		6010B	Total Recoverable
Zinc	0.0765	J	0.250	0.0138	mg/L	1		6010B	Total Recoverable

## Client Sample ID: TB

## Lab Sample ID: 570-66529-28

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.80	0.23	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1,1-Trichloroethane	ND		0.80	0.19	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.44	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	0.37	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1,2-Trichloroethane	ND		0.80	0.37	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1-Dichloroethane	ND		0.80	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1-Dichloroethene	ND		0.80	0.21	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,1-Dichloropropene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2,3-Trichlorobenzene	ND		1.6	0.80	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2,3-Trichloropropane	ND		1.6	0.34	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2,4-Trichlorobenzene	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2,4-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2-Dibromo-3-Chloropropane	ND		8.0	5.4	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2-Dibromoethane	ND		0.80	0.17	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2-Dichlorobenzene	ND		0.80	0.20	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2-Dichloroethane	ND		0.80	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,2-Dichloropropane	ND		0.80	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,3,5-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,3-Dichlorobenzene	ND		0.80	0.20	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,3-Dichloropropane	ND		0.80	0.24	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
1,4-Dichlorobenzene	ND		0.80	0.25	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
2,2-Dichloropropane	ND		4.0	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
2-Butanone	ND		16	3.6	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
2-Chlorotoluene	ND		0.80	0.20	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
2-Hexanone	ND		16	2.5	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
4-Chlorotoluene	ND		0.80	0.19	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
4-Methyl-2-pentanone	ND		16	2.3	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
<b>Acetone</b>	<b>12</b>	<b>J</b>	16	7.9	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
<b>Benzene</b>	<b>0.69</b>	<b>J</b>	0.80	0.21	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Bromobenzene	ND		0.80	0.17	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Bromochloromethane	ND		1.6	0.36	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Bromodichloromethane	ND		0.80	0.13	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Bromoform	ND		4.0	1.1	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Bromomethane	ND		16	5.3	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
cis-1,2-Dichloroethene	ND		0.80	0.27	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
cis-1,3-Dichloropropane	ND		0.80	0.28	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Carbon disulfide	ND		8.0	0.32	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Carbon tetrachloride	ND		0.80	0.24	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Chlorobenzene	ND		0.80	0.21	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Chloroform	ND		0.80	0.47	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Chloromethane	ND		16	1.2	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Dibromochloromethane	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Dibromomethane	ND		0.80	0.24	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Dichlorodifluoromethane	ND		1.6	0.36	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Di-isopropyl ether (DIPE)	ND		0.80	0.40	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
<b>Ethanol</b>	<b>130</b>	<b>J</b>	200	53	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
<b>Ethylbenzene</b>	<b>0.31</b>	<b>J</b>	0.80	0.17	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.80	0.19	ug/Kg		08/09/21 12:15	08/09/21 21:42	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.80	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Methylene Chloride	ND		8.0	2.5	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Naphthalene	ND		8.0	4.2	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
n-Butylbenzene	ND		0.80	0.17	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
N-Propylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
o-Xylene	ND		0.80	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
m,p-Xylene	ND		1.6	0.38	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
p-Isopropyltoluene	ND		0.80	0.56	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
sec-Butylbenzene	ND		0.80	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Styrene	ND		0.80	0.56	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
trans-1,2-Dichloroethene	ND		0.80	0.24	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
trans-1,3-Dichloropropene	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Tert-amyl-methyl ether (TAME)	ND		0.80	0.16	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
tert-Butyl alcohol (TBA)	ND		16	5.6	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
tert-Butylbenzene	ND		0.80	0.20	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Tetrachloroethene	ND		0.80	0.18	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
<b>Toluene</b>	<b>0.83</b>		0.80	0.48	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Trichloroethene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Trichlorofluoromethane	ND		8.0	0.22	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Vinyl acetate	ND		8.0	3.1	ug/Kg		08/09/21 12:15	08/09/21 21:42	1
Vinyl chloride	ND		0.80	0.30	ug/Kg		08/09/21 12:15	08/09/21 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		80 - 142	08/09/21 12:15	08/09/21 21:42	1
4-Bromofluorobenzene (Surr)	102		80 - 120	08/09/21 12:15	08/09/21 21:42	1
Dibromofluoromethane (Surr)	103		80 - 123	08/09/21 12:15	08/09/21 21:42	1
Toluene-d8 (Surr)	101		80 - 120	08/09/21 12:15	08/09/21 21:42	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1,1-Trichloroethane	ND		0.85	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.46	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.39	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1,2-Trichloroethane	ND		0.85	0.39	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1-Dichloroethane	ND		0.85	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1-Dichloroethene	ND		0.85	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,1-Dichloropropene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2,3-Trichlorobenzene	ND		1.7	0.85	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2,3-Trichloropropane	ND		1.7	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2,4-Trichlorobenzene	ND		1.7	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2,4-Trimethylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2-Dibromo-3-Chloropropane	ND		8.5	5.7	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2-Dibromoethane	ND		0.85	0.17	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2-Dichlorobenzene	ND		0.85	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2-Dichloroethane	ND		0.85	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,2-Dichloropropane	ND		0.85	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,3-Dichlorobenzene	ND		0.85	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,3-Dichloropropane	ND		0.85	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
1,4-Dichlorobenzene	ND		0.85	0.26	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
2,2-Dichloropropane	ND		4.2	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
2-Butanone	ND		17	3.8	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
2-Chlorotoluene	ND		0.85	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
2-Hexanone	ND		17	2.6	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
4-Chlorotoluene	ND		0.85	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
4-Methyl-2-pentanone	ND		17	2.5	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Acetone	ND		17	8.3	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
<b>Benzene</b>	<b>0.87</b>		0.85	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Bromobenzene	ND		0.85	0.18	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Bromochloromethane	ND		1.7	0.38	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Bromodichloromethane	ND		0.85	0.13	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Bromoform	ND		4.2	1.1	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Bromomethane	ND		17	5.6	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
cis-1,2-Dichloroethene	ND		0.85	0.29	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
cis-1,3-Dichloropropene	ND		0.85	0.29	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Carbon disulfide	ND		8.5	0.34	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Carbon tetrachloride	ND		0.85	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Chlorobenzene	ND		0.85	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Chloroethane	ND		1.7	1.3	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Chloroform	ND		0.85	0.50	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Chloromethane	ND		17	1.3	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Dibromochloromethane	ND		1.7	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Dibromomethane	ND		0.85	0.26	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Dichlorodifluoromethane	ND		1.7	0.38	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Di-isopropyl ether (DIPE)	ND		0.85	0.42	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Ethanol	ND		210	56	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
<b>Ethylbenzene</b>	<b>0.38</b>	<b>J</b>	0.85	0.17	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.85	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Isopropylbenzene	ND		0.85	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Methylene Chloride	ND		8.5	2.6	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Naphthalene	ND		8.5	4.4	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
n-Butylbenzene	ND		0.85	0.18	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
N-Propylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
o-Xylene	ND		0.85	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
m,p-Xylene	ND		1.7	0.40	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
p-Isopropyltoluene	ND		0.85	0.59	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
sec-Butylbenzene	ND		0.85	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Styrene	ND		0.85	0.59	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
trans-1,2-Dichloroethene	ND		0.85	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
trans-1,3-Dichloropropene	ND		1.7	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Tert-amyl-methyl ether (TAME)	ND		0.85	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
tert-Butyl alcohol (TBA)	ND		17	5.9	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
tert-Butylbenzene	ND		0.85	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Tetrachloroethene	ND		0.85	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:04	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Toluene</b>	<b>1.0</b>		0.85	0.51	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Trichloroethene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Trichlorofluoromethane	ND		8.5	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Vinyl acetate	ND		8.5	3.3	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
Vinyl chloride	ND		0.85	0.32	ug/Kg		08/09/21 12:15	08/09/21 22:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	117		80 - 142				08/09/21 12:15	08/09/21 22:04	1
4-Bromofluorobenzene (Surr)	103		80 - 120				08/09/21 12:15	08/09/21 22:04	1
Dibromofluoromethane (Surr)	101		80 - 123				08/09/21 12:15	08/09/21 22:04	1
Toluene-d8 (Surr)	101		80 - 120				08/09/21 12:15	08/09/21 22:04	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.90	0.26	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1,1-Trichloroethane	ND		0.90	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.49	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.0	0.42	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1,2-Trichloroethane	ND		0.90	0.42	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1-Dichloroethane	ND		0.90	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1-Dichloroethene	ND		0.90	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,1-Dichloropropene	ND		1.8	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2,3-Trichlorobenzene	ND		1.8	0.90	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2,3-Trichloropropane	ND		1.8	0.38	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2,4-Trichlorobenzene	ND		1.8	0.37	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2,4-Trimethylbenzene	ND		1.8	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2-Dibromo-3-Chloropropane	ND		9.0	6.1	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2-Dibromoethane	ND		0.90	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2-Dichlorobenzene	ND		0.90	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2-Dichloroethane	ND		0.90	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,2-Dichloropropane	ND		0.90	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,3,5-Trimethylbenzene	ND		1.8	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,3-Dichlorobenzene	ND		0.90	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,3-Dichloropropane	ND		0.90	0.27	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
1,4-Dichlorobenzene	ND		0.90	0.28	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
2,2-Dichloropropane	ND		4.5	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
2-Butanone	ND		18	4.1	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
2-Chlorotoluene	ND		0.90	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
2-Hexanone	ND		18	2.8	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
4-Chlorotoluene	ND		0.90	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
4-Methyl-2-pentanone	ND		18	2.6	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>Acetone</b>	<b>12</b>	<b>J</b>	18	8.9	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>Benzene</b>	<b>0.97</b>		0.90	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Bromobenzene	ND		0.90	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Bromochloromethane	ND		1.8	0.40	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Bromodichloromethane	ND		0.90	0.14	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Bromoform	ND		4.5	1.2	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Bromomethane	ND		18	5.9	ug/Kg		08/09/21 12:15	08/09/21 22:27	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.90	0.31	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
cis-1,3-Dichloropropene	ND		0.90	0.32	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Carbon disulfide	ND		9.0	0.36	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Carbon tetrachloride	ND		0.90	0.27	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Chlorobenzene	ND		0.90	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Chloroethane	ND		1.8	1.4	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Chloroform	ND		0.90	0.53	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Chloromethane	ND		18	1.4	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Dibromochloromethane	ND		1.8	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Dibromomethane	ND		0.90	0.28	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Dichlorodifluoromethane	ND		1.8	0.41	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Di-isopropyl ether (DIPE)	ND		0.90	0.45	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>Ethanol</b>	<b>130</b>	<b>J</b>	230	60	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>Ethylbenzene</b>	<b>0.47</b>	<b>J</b>	0.90	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.90	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Isopropylbenzene	ND		0.90	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Methylene Chloride	ND		9.0	2.8	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.17	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Naphthalene	ND		9.0	4.7	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
n-Butylbenzene	ND		0.90	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
N-Propylbenzene	ND		1.8	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
o-Xylene	ND		0.90	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>m,p-Xylene</b>	<b>0.50</b>	<b>J</b>	1.8	0.43	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
p-Isopropyltoluene	ND		0.90	0.63	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
sec-Butylbenzene	ND		0.90	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Styrene	ND		0.90	0.63	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
trans-1,2-Dichloroethene	ND		0.90	0.27	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
trans-1,3-Dichloropropene	ND		1.8	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Tert-amyl-methyl ether (TAME)	ND		0.90	0.18	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
tert-Butyl alcohol (TBA)	ND		18	6.3	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
tert-Butylbenzene	ND		0.90	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Tetrachloroethene	ND		0.90	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
<b>Toluene</b>	<b>1.3</b>		0.90	0.54	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Trichloroethene	ND		1.8	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Trichlorofluoromethane	ND		9.0	0.25	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Vinyl acetate	ND		9.0	3.5	ug/Kg		08/09/21 12:15	08/09/21 22:27	1
Vinyl chloride	ND		0.90	0.34	ug/Kg		08/09/21 12:15	08/09/21 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 142	08/09/21 12:15	08/09/21 22:27	1
4-Bromofluorobenzene (Surr)	103		80 - 120	08/09/21 12:15	08/09/21 22:27	1
Dibromofluoromethane (Surr)	100		80 - 123	08/09/21 12:15	08/09/21 22:27	1
Toluene-d8 (Surr)	102		80 - 120	08/09/21 12:15	08/09/21 22:27	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1,1-Trichloroethane	ND		0.78	0.18	ug/Kg		08/09/21 12:15	08/09/21 22:49	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.6	0.42	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	0.36	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1,2-Trichloroethane	ND		0.78	0.36	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1-Dichloroethane	ND		0.78	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1-Dichloroethene	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,1-Dichloropropene	ND		1.6	0.30	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2,3-Trichlorobenzene	ND		1.6	0.78	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2,3-Trichloropropane	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2,4-Trichlorobenzene	ND		1.6	0.32	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2,4-Trimethylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2-Dibromo-3-Chloropropane	ND		7.8	5.3	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2-Dibromoethane	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2-Dichlorobenzene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2-Dichloroethane	ND		0.78	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,2-Dichloropropane	ND		0.78	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,3,5-Trimethylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,3-Dichlorobenzene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,3-Dichloropropane	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
1,4-Dichlorobenzene	ND		0.78	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
2,2-Dichloropropane	ND		3.9	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
2-Butanone	ND		16	3.5	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
2-Chlorotoluene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
2-Hexanone	ND		16	2.4	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
4-Chlorotoluene	ND		0.78	0.19	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
4-Methyl-2-pentanone	ND		16	2.3	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>Acetone</b>	<b>9.1</b>	<b>J</b>	16	7.7	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>Benzene</b>	<b>0.83</b>		0.78	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Bromobenzene	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Bromochloromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Bromodichloromethane	ND		0.78	0.12	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Bromoform	ND		3.9	1.0	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Bromomethane	ND		16	5.1	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
cis-1,2-Dichloroethene	ND		0.78	0.26	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
cis-1,3-Dichloropropane	ND		0.78	0.27	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Carbon disulfide	ND		7.8	0.31	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Carbon tetrachloride	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Chlorobenzene	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Chloroform	ND		0.78	0.46	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Chloromethane	ND		16	1.2	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Dibromochloromethane	ND		1.6	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Dibromomethane	ND		0.78	0.24	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Dichlorodifluoromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Di-isopropyl ether (DIPE)	ND		0.78	0.39	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>Ethanol</b>	<b>84</b>	<b>J</b>	200	51	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>Ethylbenzene</b>	<b>0.48</b>	<b>J</b>	0.78	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.78	0.18	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Isopropylbenzene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Methylene Chloride	ND		7.8	2.4	ug/Kg		08/09/21 12:15	08/09/21 22:49	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Naphthalene	ND		7.8	4.1	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
n-Butylbenzene	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
N-Propylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
o-Xylene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>m,p-Xylene</b>	<b>0.43</b>	<b>J</b>	1.6	0.37	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
p-Isopropyltoluene	ND		0.78	0.55	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
sec-Butylbenzene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Styrene	ND		0.78	0.55	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
trans-1,2-Dichloroethene	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
trans-1,3-Dichloropropene	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Tert-amyl-methyl ether (TAME)	ND		0.78	0.15	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
tert-Butyl alcohol (TBA)	ND		16	5.5	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
tert-Butylbenzene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Tetrachloroethene	ND		0.78	0.17	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
<b>Toluene</b>	<b>1.2</b>		0.78	0.47	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Trichloroethene	ND		1.6	0.30	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Trichlorofluoromethane	ND		7.8	0.21	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Vinyl acetate	ND		7.8	3.1	ug/Kg		08/09/21 12:15	08/09/21 22:49	1
Vinyl chloride	ND		0.78	0.30	ug/Kg		08/09/21 12:15	08/09/21 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		80 - 142	08/09/21 12:15	08/09/21 22:49	1
4-Bromofluorobenzene (Surr)	99		80 - 120	08/09/21 12:15	08/09/21 22:49	1
Dibromofluoromethane (Surr)	98		80 - 123	08/09/21 12:15	08/09/21 22:49	1
Toluene-d8 (Surr)	102		80 - 120	08/09/21 12:15	08/09/21 22:49	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1,1-Trichloroethane	ND		0.84	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.45	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4	0.39	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1,2-Trichloroethane	ND		0.84	0.39	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1-Dichloroethane	ND		0.84	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1-Dichloroethene	ND		0.84	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,1-Dichloropropene	ND		1.7	0.32	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2,3-Trichlorobenzene	ND		1.7	0.84	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2,3-Trichloropropane	ND		1.7	0.35	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2,4-Trichlorobenzene	ND		1.7	0.34	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2,4-Trimethylbenzene	ND		1.7	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2-Dibromo-3-Chloropropane	ND		8.4	5.7	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2-Dibromoethane	ND		0.84	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2-Dichlorobenzene	ND		0.84	0.21	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2-Dichloroethane	ND		0.84	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,2-Dichloropropane	ND		0.84	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,3,5-Trimethylbenzene	ND		1.7	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,3-Dichlorobenzene	ND		0.84	0.21	ug/Kg		08/09/21 12:15	08/09/21 23:11	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.84	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
1,4-Dichlorobenzene	ND		0.84	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
2,2-Dichloropropane	ND		4.2	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
2-Butanone	ND		17	3.8	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
2-Chlorotoluene	ND		0.84	0.21	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
2-Hexanone	ND		17	2.6	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
4-Chlorotoluene	ND		0.84	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
4-Methyl-2-pentanone	ND		17	2.4	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>Acetone</b>	<b>16</b>	<b>J</b>	17	8.2	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>Benzene</b>	<b>0.89</b>		0.84	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Bromobenzene	ND		0.84	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Bromochloromethane	ND		1.7	0.37	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Bromodichloromethane	ND		0.84	0.13	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Bromoform	ND		4.2	1.1	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Bromomethane	ND		17	5.5	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
cis-1,2-Dichloroethene	ND		0.84	0.28	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
cis-1,3-Dichloropropene	ND		0.84	0.29	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Carbon disulfide	ND		8.4	0.33	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Carbon tetrachloride	ND		0.84	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Chlorobenzene	ND		0.84	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Chloroethane	ND		1.7	1.3	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Chloroform	ND		0.84	0.49	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Chloromethane	ND		17	1.3	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Dibromochloromethane	ND		1.7	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Dibromomethane	ND		0.84	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Dichlorodifluoromethane	ND		1.7	0.38	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Di-isopropyl ether (DIPE)	ND		0.84	0.42	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>Ethanol</b>	<b>160</b>	<b>J</b>	210	55	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>Ethylbenzene</b>	<b>0.41</b>	<b>J</b>	0.84	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.84	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Isopropylbenzene	ND		0.84	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Methylene Chloride	ND		8.4	2.6	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Naphthalene	ND		8.4	4.4	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
n-Butylbenzene	ND		0.84	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
N-Propylbenzene	ND		1.7	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
o-Xylene	ND		0.84	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>m,p-Xylene</b>	<b>0.40</b>	<b>J</b>	1.7	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
p-Isopropyltoluene	ND		0.84	0.58	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
sec-Butylbenzene	ND		0.84	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Styrene	ND		0.84	0.58	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
trans-1,2-Dichloroethene	ND		0.84	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
trans-1,3-Dichloropropene	ND		1.7	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Tert-amyl-methyl ether (TAME)	ND		0.84	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
tert-Butyl alcohol (TBA)	ND		17	5.8	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
tert-Butylbenzene	ND		0.84	0.21	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Tetrachloroethene	ND		0.84	0.19	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
<b>Toluene</b>	<b>1.1</b>		0.84	0.50	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Trichloroethene	ND		1.7	0.32	ug/Kg		08/09/21 12:15	08/09/21 23:11	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		8.4	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Vinyl acetate	ND		8.4	3.3	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Vinyl chloride	ND		0.84	0.32	ug/Kg		08/09/21 12:15	08/09/21 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		80 - 142				08/09/21 12:15	08/09/21 23:11	1
4-Bromofluorobenzene (Surr)	101		80 - 120				08/09/21 12:15	08/09/21 23:11	1
Dibromofluoromethane (Surr)	101		80 - 123				08/09/21 12:15	08/09/21 23:11	1
Toluene-d8 (Surr)	99		80 - 120				08/09/21 12:15	08/09/21 23:11	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.67	0.19	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1,1-Trichloroethane	ND		0.67	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1,2,2-Tetrachloroethane	ND		1.3	0.36	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	0.31	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1,2-Trichloroethane	ND		0.67	0.31	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1-Dichloroethane	ND		0.67	0.19	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1-Dichloroethene	ND		0.67	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,1-Dichloropropene	ND		1.3	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2,3-Trichlorobenzene	ND		1.3	0.67	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2,3-Trichloropropane	ND		1.3	0.28	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2,4-Trichlorobenzene	ND		1.3	0.27	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2,4-Trimethylbenzene	ND		1.3	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2-Dibromo-3-Chloropropane	ND		6.7	4.5	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2-Dibromoethane	ND		0.67	0.14	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2-Dichlorobenzene	ND		0.67	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2-Dichloroethane	ND		0.67	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,2-Dichloropropane	ND		0.67	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,3,5-Trimethylbenzene	ND		1.3	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,3-Dichlorobenzene	ND		0.67	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,3-Dichloropropane	ND		0.67	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
1,4-Dichlorobenzene	ND		0.67	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
2,2-Dichloropropane	ND		3.3	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
2-Butanone	ND		13	3.0	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
2-Chlorotoluene	ND		0.67	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
2-Hexanone	ND		13	2.0	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
4-Chlorotoluene	ND		0.67	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
4-Methyl-2-pentanone	ND		13	1.9	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Acetone	ND		13	6.5	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
<b>Benzene</b>	<b>0.58</b>	<b>J</b>	0.67	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Bromobenzene	ND		0.67	0.14	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Bromochloromethane	ND		1.3	0.30	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Bromodichloromethane	ND		0.67	0.11	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Bromoform	ND		3.3	0.88	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Bromomethane	ND		13	4.4	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
cis-1,2-Dichloroethene	ND		0.67	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
cis-1,3-Dichloropropene	ND		0.67	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:33	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		6.7	0.27	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Carbon tetrachloride	ND		0.67	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Chlorobenzene	ND		0.67	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Chloroethane	ND		1.3	1.0	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Chloroform	ND		0.67	0.39	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Chloromethane	ND		13	1.0	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Dibromochloromethane	ND		1.3	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Dibromomethane	ND		0.67	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Dichlorodifluoromethane	ND		1.3	0.30	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Di-isopropyl ether (DIPE)	ND		0.67	0.33	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Ethanol	ND		170	44	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
<b>Ethylbenzene</b>	<b>0.28</b>	<b>J</b>	0.67	0.14	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.67	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Isopropylbenzene	ND		0.67	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Methylene Chloride	ND		6.7	2.1	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.3	0.13	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Naphthalene	ND		6.7	3.5	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
n-Butylbenzene	ND		0.67	0.14	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
N-Propylbenzene	ND		1.3	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
o-Xylene	ND		0.67	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
m,p-Xylene	ND		1.3	0.32	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
p-Isopropyltoluene	ND		0.67	0.47	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
sec-Butylbenzene	ND		0.67	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Styrene	ND		0.67	0.47	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
trans-1,2-Dichloroethene	ND		0.67	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
trans-1,3-Dichloropropene	ND		1.3	0.19	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Tert-amyl-methyl ether (TAME)	ND		0.67	0.13	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
tert-Butyl alcohol (TBA)	ND		13	4.7	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
tert-Butylbenzene	ND		0.67	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Tetrachloroethene	ND		0.67	0.15	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
<b>Toluene</b>	<b>0.71</b>		0.67	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Trichloroethene	ND		1.3	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Trichlorofluoromethane	ND		6.7	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Vinyl acetate	ND		6.7	2.6	ug/Kg		08/09/21 12:15	08/09/21 23:33	1
Vinyl chloride	ND		0.67	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 142	08/09/21 12:15	08/09/21 23:33	1
4-Bromofluorobenzene (Surr)	100		80 - 120	08/09/21 12:15	08/09/21 23:33	1
Dibromofluoromethane (Surr)	101		80 - 123	08/09/21 12:15	08/09/21 23:33	1
Toluene-d8 (Surr)	100		80 - 120	08/09/21 12:15	08/09/21 23:33	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.86	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1,1-Trichloroethane	ND		0.86	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.47	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:55	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.86	0.40	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1-Dichloroethane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1-Dichloroethene	ND		0.86	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,1-Dichloropropene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2,3-Trichlorobenzene	ND		1.7	0.86	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2,3-Trichloropropane	ND		1.7	0.36	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2,4-Trichlorobenzene	ND		1.7	0.35	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2,4-Trimethylbenzene	ND		1.7	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2-Dibromo-3-Chloropropane	ND		8.6	5.8	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2-Dibromoethane	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2-Dichlorobenzene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2-Dichloroethane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,2-Dichloropropane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,3,5-Trimethylbenzene	ND		1.7	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,3-Dichlorobenzene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,3-Dichloropropane	ND		0.86	0.25	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
1,4-Dichlorobenzene	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
2,2-Dichloropropane	ND		4.3	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
2-Butanone	ND		17	3.9	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
2-Chlorotoluene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
2-Hexanone	ND		17	2.7	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
4-Chlorotoluene	ND		0.86	0.21	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
4-Methyl-2-pentanone	ND		17	2.5	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
<b>Acetone</b>	<b>11</b>	<b>J</b>	17	8.5	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
<b>Benzene</b>	<b>1.2</b>		0.86	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Bromobenzene	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Bromochloromethane	ND		1.7	0.38	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Bromodichloromethane	ND		0.86	0.14	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Bromoform	ND		4.3	1.1	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Bromomethane	ND		17	5.7	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
cis-1,2-Dichloroethene	ND		0.86	0.29	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
cis-1,3-Dichloropropene	ND		0.86	0.30	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Carbon disulfide	ND		8.6	0.35	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Carbon tetrachloride	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Chlorobenzene	ND		0.86	0.23	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Chloroethane	ND		1.7	1.3	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Chloroform	ND		0.86	0.51	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Chloromethane	ND		17	1.3	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Dibromochloromethane	ND		1.7	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Dibromomethane	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Dichlorodifluoromethane	ND		1.7	0.39	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Di-isopropyl ether (DIPE)	ND		0.86	0.43	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Ethanol	ND		220	57	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
<b>Ethylbenzene</b>	<b>0.50</b>	<b>J</b>	0.86	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.86	0.20	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Isopropylbenzene	ND		0.86	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Methylene Chloride	ND		8.6	2.7	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Naphthalene	ND		8.6	4.5	ug/Kg		08/09/21 12:15	08/09/21 23:55	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
N-Propylbenzene	ND		1.7	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
o-Xylene	ND		0.86	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
<b>m,p-Xylene</b>	<b>0.53</b>	<b>J</b>	1.7	0.41	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
p-Isopropyltoluene	ND		0.86	0.60	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
sec-Butylbenzene	ND		0.86	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Styrene	ND		0.86	0.60	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
trans-1,2-Dichloroethene	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
trans-1,3-Dichloropropene	ND		1.7	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Tert-amyl-methyl ether (TAME)	ND		0.86	0.17	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
tert-Butyl alcohol (TBA)	ND		17	6.0	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
tert-Butylbenzene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Tetrachloroethene	ND		0.86	0.19	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
<b>Toluene</b>	<b>1.4</b>		0.86	0.52	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Trichloroethene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Trichlorofluoromethane	ND		8.6	0.24	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Vinyl acetate	ND		8.6	3.4	ug/Kg		08/09/21 12:15	08/09/21 23:55	1
Vinyl chloride	ND		0.86	0.33	ug/Kg		08/09/21 12:15	08/09/21 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 142	08/09/21 12:15	08/09/21 23:55	1
4-Bromofluorobenzene (Surr)	104		80 - 120	08/09/21 12:15	08/09/21 23:55	1
Dibromofluoromethane (Surr)	100		80 - 123	08/09/21 12:15	08/09/21 23:55	1
Toluene-d8 (Surr)	100		80 - 120	08/09/21 12:15	08/09/21 23:55	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	0.23	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1,1-Trichloroethane	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.43	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	0.37	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1,2-Trichloroethane	ND		0.79	0.37	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1-Dichloroethane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1-Dichloroethene	ND		0.79	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,1-Dichloropropene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2,3-Trichlorobenzene	ND		1.6	0.79	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2,3-Trichloropropane	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2,4-Trichlorobenzene	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2,4-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2-Dibromo-3-Chloropropane	ND		7.9	5.4	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2-Dibromoethane	ND		0.79	0.16	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2-Dichlorobenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2-Dichloroethane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,2-Dichloropropane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,3,5-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,3-Dichlorobenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,3-Dichloropropane	ND		0.79	0.23	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
1,4-Dichlorobenzene	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 00:18	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		4.0	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
2-Butanone	ND		16	3.6	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
2-Chlorotoluene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
2-Hexanone	ND		16	2.4	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
4-Chlorotoluene	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
4-Methyl-2-pentanone	ND		16	2.3	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Acetone	ND		16	7.8	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
<b>Benzene</b>	<b>1.2</b>		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Bromobenzene	ND		0.79	0.17	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Bromochloromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Bromodichloromethane	ND		0.79	0.13	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Bromoform	ND		4.0	1.1	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Bromomethane	ND		16	5.2	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
cis-1,2-Dichloroethene	ND		0.79	0.27	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
cis-1,3-Dichloropropene	ND		0.79	0.28	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Carbon disulfide	ND		7.9	0.32	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Carbon tetrachloride	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Chlorobenzene	ND		0.79	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Chloroform	ND		0.79	0.47	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Chloromethane	ND		16	1.2	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Dibromochloromethane	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Dibromomethane	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Dichlorodifluoromethane	ND		1.6	0.36	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Di-isopropyl ether (DIPE)	ND		0.79	0.40	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
<b>Ethanol</b>	<b>63 J</b>		200	52	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
<b>Ethylbenzene</b>	<b>0.56 J</b>		0.79	0.16	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Isopropylbenzene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Methylene Chloride	ND		7.9	2.5	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Naphthalene	ND		7.9	4.1	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
n-Butylbenzene	ND		0.79	0.17	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
N-Propylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
o-Xylene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
<b>m,p-Xylene</b>	<b>0.60 J</b>		1.6	0.38	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
p-Isopropyltoluene	ND		0.79	0.56	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
sec-Butylbenzene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Styrene	ND		0.79	0.56	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
trans-1,2-Dichloroethene	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
trans-1,3-Dichloropropene	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Tert-amyl-methyl ether (TAME)	ND		0.79	0.15	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
tert-Butyl alcohol (TBA)	ND		16	5.6	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
tert-Butylbenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Tetrachloroethene	ND		0.79	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
<b>Toluene</b>	<b>1.5</b>		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Trichloroethene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Trichlorofluoromethane	ND		7.9	0.22	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Vinyl acetate	ND		7.9	3.1	ug/Kg		08/09/21 12:15	08/10/21 00:18	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.79	0.30	ug/Kg		08/09/21 12:15	08/10/21 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 142				08/09/21 12:15	08/10/21 00:18	1
4-Bromofluorobenzene (Surr)	100		80 - 120				08/09/21 12:15	08/10/21 00:18	1
Dibromofluoromethane (Surr)	101		80 - 123				08/09/21 12:15	08/10/21 00:18	1
Toluene-d8 (Surr)	100		80 - 120				08/09/21 12:15	08/10/21 00:18	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.70	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1,1-Trichloroethane	ND		0.70	0.16	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.38	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.0	0.32	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1,2-Trichloroethane	ND		0.70	0.32	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1-Dichloroethane	ND		0.70	0.20	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1-Dichloroethene	ND		0.70	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,1-Dichloropropene	ND		1.4	0.27	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2,3-Trichlorobenzene	ND		1.4	0.70	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2,3-Trichloropropane	ND		1.4	0.29	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2,4-Trichlorobenzene	ND		1.4	0.29	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2,4-Trimethylbenzene	ND		1.4	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2-Dibromo-3-Chloropropane	ND		7.0	4.7	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2-Dibromoethane	ND		0.70	0.14	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2-Dichlorobenzene	ND		0.70	0.17	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2-Dichloroethane	ND		0.70	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,2-Dichloropropane	ND		0.70	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,3,5-Trimethylbenzene	ND		1.4	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,3-Dichlorobenzene	ND		0.70	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,3-Dichloropropane	ND		0.70	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
1,4-Dichlorobenzene	ND		0.70	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
2,2-Dichloropropane	ND		3.5	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
2-Butanone	ND		14	3.1	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
2-Chlorotoluene	ND		0.70	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
2-Hexanone	ND		14	2.1	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
4-Chlorotoluene	ND		0.70	0.17	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
4-Methyl-2-pentanone	ND		14	2.0	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
<b>Acetone</b>	<b>10</b>	<b>J</b>	14	6.8	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
<b>Benzene</b>	<b>0.78</b>		0.70	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Bromobenzene	ND		0.70	0.15	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Bromochloromethane	ND		1.4	0.31	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Bromodichloromethane	ND		0.70	0.11	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Bromoform	ND		3.5	0.92	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Bromomethane	ND		14	4.6	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
cis-1,2-Dichloroethene	ND		0.70	0.23	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
cis-1,3-Dichloropropene	ND		0.70	0.24	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Carbon disulfide	ND		7.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Carbon tetrachloride	ND		0.70	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:40	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.70	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Chloroethane	ND		1.4	1.0	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Chloroform	ND		0.70	0.41	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Chloromethane	ND		14	1.1	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Dibromochloromethane	ND		1.4	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Dibromomethane	ND		0.70	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Dichlorodifluoromethane	ND		1.4	0.32	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Di-isopropyl ether (DIPE)	ND		0.70	0.35	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
<b>Ethanol</b>	<b>51</b>	<b>J</b>	170	46	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
<b>Ethylbenzene</b>	<b>0.31</b>	<b>J</b>	0.70	0.14	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.70	0.16	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Isopropylbenzene	ND		0.70	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Methylene Chloride	ND		7.0	2.2	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.4	0.13	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Naphthalene	ND		7.0	3.6	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
n-Butylbenzene	ND		0.70	0.15	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
N-Propylbenzene	ND		1.4	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
o-Xylene	ND		0.70	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
m,p-Xylene	ND		1.4	0.33	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
p-Isopropyltoluene	ND		0.70	0.49	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
sec-Butylbenzene	ND		0.70	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Styrene	ND		0.70	0.49	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
trans-1,2-Dichloroethene	ND		0.70	0.21	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
trans-1,3-Dichloropropene	ND		1.4	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Tert-amyl-methyl ether (TAME)	ND		0.70	0.14	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
tert-Butyl alcohol (TBA)	ND		14	4.9	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
tert-Butylbenzene	ND		0.70	0.18	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Tetrachloroethene	ND		0.70	0.16	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
<b>Toluene</b>	<b>0.84</b>		0.70	0.42	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Trichloroethene	ND		1.4	0.27	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Trichlorofluoromethane	ND		7.0	0.19	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Vinyl acetate	ND		7.0	2.7	ug/Kg		08/09/21 12:15	08/10/21 00:40	1
Vinyl chloride	ND		0.70	0.26	ug/Kg		08/09/21 12:15	08/10/21 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		80 - 142	08/09/21 12:15	08/10/21 00:40	1
4-Bromofluorobenzene (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 00:40	1
Dibromofluoromethane (Surr)	100		80 - 123	08/09/21 12:15	08/10/21 00:40	1
Toluene-d8 (Surr)	102		80 - 120	08/09/21 12:15	08/10/21 00:40	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.93	0.27	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1,1-Trichloroethane	ND		0.93	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.3	0.43	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1,2-Trichloroethane	ND		0.93	0.43	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1-Dichloroethane	ND		0.93	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:02	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.93	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,1-Dichloropropene	ND		1.9	0.36	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2,3-Trichlorobenzene	ND		1.9	0.93	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2,3-Trichloropropane	ND		1.9	0.39	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2,4-Trichlorobenzene	ND		1.9	0.38	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2,4-Trimethylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2-Dibromo-3-Chloropropane	ND		9.3	6.3	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2-Dibromoethane	ND		0.93	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2-Dichlorobenzene	ND		0.93	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2-Dichloroethane	ND		0.93	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,2-Dichloropropane	ND		0.93	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,3,5-Trimethylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,3-Dichlorobenzene	ND		0.93	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,3-Dichloropropane	ND		0.93	0.28	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
1,4-Dichlorobenzene	ND		0.93	0.29	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
2,2-Dichloropropane	ND		4.7	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
2-Butanone	ND		19	4.2	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
2-Chlorotoluene	ND		0.93	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
2-Hexanone	ND		19	2.9	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
4-Chlorotoluene	ND		0.93	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
4-Methyl-2-pentanone	ND		19	2.7	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Acetone	ND		19	9.2	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
<b>Benzene</b>	<b>1.2</b>		0.93	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Bromobenzene	ND		0.93	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Bromochloromethane	ND		1.9	0.42	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Bromodichloromethane	ND		0.93	0.15	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Bromoform	ND		4.7	1.2	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Bromomethane	ND		19	6.1	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
cis-1,2-Dichloroethene	ND		0.93	0.31	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
cis-1,3-Dichloropropane	ND		0.93	0.33	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Carbon disulfide	ND		9.3	0.37	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Carbon tetrachloride	ND		0.93	0.28	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Chlorobenzene	ND		0.93	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Chloroethane	ND		1.9	1.4	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Chloroform	ND		0.93	0.55	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Chloromethane	ND		19	1.4	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Dibromochloromethane	ND		1.9	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Dibromomethane	ND		0.93	0.28	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Dichlorodifluoromethane	ND		1.9	0.42	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Di-isopropyl ether (DIPE)	ND		0.93	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Ethanol	ND		230	62	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
<b>Ethylbenzene</b>	<b>0.53</b>	<b>J</b>	0.93	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.93	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Isopropylbenzene	ND		0.93	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Methylene Chloride	ND		9.3	2.9	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Naphthalene	ND		9.3	4.9	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
n-Butylbenzene	ND		0.93	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
N-Propylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.93	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
<b>m,p-Xylene</b>	<b>0.52</b>	<b>J</b>	1.9	0.44	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
p-Isopropyltoluene	ND		0.93	0.65	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
sec-Butylbenzene	ND		0.93	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Styrene	ND		0.93	0.65	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
trans-1,2-Dichloroethene	ND		0.93	0.28	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
trans-1,3-Dichloropropene	ND		1.9	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Tert-amyl-methyl ether (TAME)	ND		0.93	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
tert-Butyl alcohol (TBA)	ND		19	6.5	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
tert-Butylbenzene	ND		0.93	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Tetrachloroethene	ND		0.93	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
<b>Toluene</b>	<b>1.4</b>		0.93	0.56	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Trichloroethene	ND		1.9	0.36	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Trichlorofluoromethane	ND		9.3	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Vinyl acetate	ND		9.3	3.7	ug/Kg		08/09/21 12:15	08/10/21 01:02	1
Vinyl chloride	ND		0.93	0.35	ug/Kg		08/09/21 12:15	08/10/21 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		80 - 142	08/09/21 12:15	08/10/21 01:02	1
4-Bromofluorobenzene (Surr)	102		80 - 120	08/09/21 12:15	08/10/21 01:02	1
Dibromofluoromethane (Surr)	102		80 - 123	08/09/21 12:15	08/10/21 01:02	1
Toluene-d8 (Surr)	103		80 - 120	08/09/21 12:15	08/10/21 01:02	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.86	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1,1-Trichloroethane	ND		0.86	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6	0.40	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1,2-Trichloroethane	ND		0.86	0.40	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1-Dichloroethane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1-Dichloroethene	ND		0.86	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,1-Dichloropropene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2,3-Trichlorobenzene	ND		1.7	0.86	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2,3-Trichloropropane	ND		1.7	0.36	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2,4-Trichlorobenzene	ND		1.7	0.35	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2,4-Trimethylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2-Dibromo-3-Chloropropane	ND		8.6	5.8	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2-Dibromoethane	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2-Dichlorobenzene	ND		0.86	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2-Dichloroethane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,2-Dichloropropane	ND		0.86	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,3,5-Trimethylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,3-Dichlorobenzene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,3-Dichloropropane	ND		0.86	0.25	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
1,4-Dichlorobenzene	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
2,2-Dichloropropane	ND		4.3	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
2-Butanone	ND		17	3.9	ug/Kg		08/09/21 12:15	08/10/21 01:24	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
2-Hexanone	ND		17	2.6	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
4-Chlorotoluene	ND		0.86	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
4-Methyl-2-pentanone	ND		17	2.5	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Acetone	ND		17	8.4	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
<b>Benzene</b>	<b>1.0</b>		0.86	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Bromobenzene	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Bromochloromethane	ND		1.7	0.38	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Bromodichloromethane	ND		0.86	0.14	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Bromoform	ND		4.3	1.1	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Bromomethane	ND		17	5.6	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
cis-1,2-Dichloroethene	ND		0.86	0.29	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
cis-1,3-Dichloropropene	ND		0.86	0.30	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Carbon disulfide	ND		8.6	0.34	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Carbon tetrachloride	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Chlorobenzene	ND		0.86	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Chloroethane	ND		1.7	1.3	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Chloroform	ND		0.86	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Chloromethane	ND		17	1.3	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Dibromochloromethane	ND		1.7	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Dibromomethane	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Dichlorodifluoromethane	ND		1.7	0.39	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Di-isopropyl ether (DIPE)	ND		0.86	0.43	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Ethanol	ND		210	57	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
<b>Ethylbenzene</b>	<b>0.50</b>	<b>J</b>	0.86	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.86	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Isopropylbenzene	ND		0.86	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Methylene Chloride	ND		8.6	2.7	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Naphthalene	ND		8.6	4.5	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
n-Butylbenzene	ND		0.86	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
N-Propylbenzene	ND		1.7	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
o-Xylene	ND		0.86	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
<b>m,p-Xylene</b>	<b>0.53</b>	<b>J</b>	1.7	0.41	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
p-Isopropyltoluene	ND		0.86	0.60	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
sec-Butylbenzene	ND		0.86	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Styrene	ND		0.86	0.60	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
trans-1,2-Dichloroethene	ND		0.86	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
trans-1,3-Dichloropropene	ND		1.7	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Tert-amyl-methyl ether (TAME)	ND		0.86	0.17	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
tert-Butyl alcohol (TBA)	ND		17	6.0	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
tert-Butylbenzene	ND		0.86	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Tetrachloroethene	ND		0.86	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
<b>Toluene</b>	<b>1.3</b>		0.86	0.51	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Trichloroethene	ND		1.7	0.33	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Trichlorofluoromethane	ND		8.6	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Vinyl acetate	ND		8.6	3.4	ug/Kg		08/09/21 12:15	08/10/21 01:24	1
Vinyl chloride	ND		0.86	0.32	ug/Kg		08/09/21 12:15	08/10/21 01:24	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 142	08/09/21 12:15	08/10/21 01:24	1
4-Bromofluorobenzene (Surr)	101		80 - 120	08/09/21 12:15	08/10/21 01:24	1
Dibromofluoromethane (Surr)	100		80 - 123	08/09/21 12:15	08/10/21 01:24	1
Toluene-d8 (Surr)	102		80 - 120	08/09/21 12:15	08/10/21 01:24	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1,1-Trichloroethane	ND		0.78	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.42	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	0.36	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1,2-Trichloroethane	ND		0.78	0.36	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1-Dichloroethane	ND		0.78	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1-Dichloroethene	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,1-Dichloropropene	ND		1.6	0.30	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2,3-Trichlorobenzene	ND		1.6	0.78	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2,3-Trichloropropane	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2,4-Trichlorobenzene	ND		1.6	0.32	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2,4-Trimethylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2-Dibromo-3-Chloropropane	ND		7.8	5.3	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2-Dibromoethane	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2-Dichlorobenzene	ND		0.78	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2-Dichloroethane	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,2-Dichloropropane	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,3,5-Trimethylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,3-Dichlorobenzene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,3-Dichloropropane	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
1,4-Dichlorobenzene	ND		0.78	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
2,2-Dichloropropane	ND		3.9	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
2-Butanone	ND		16	3.5	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
2-Chlorotoluene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
2-Hexanone	ND		16	2.4	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
4-Chlorotoluene	ND		0.78	0.19	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
4-Methyl-2-pentanone	ND		16	2.3	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Acetone	ND		16	7.6	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
<b>Benzene</b>	<b>0.68</b>	<b>J</b>	0.78	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Bromobenzene	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Bromochloromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Bromodichloromethane	ND		0.78	0.12	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Bromoform	ND		3.9	1.0	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Bromomethane	ND		16	5.1	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
cis-1,2-Dichloroethene	ND		0.78	0.26	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
cis-1,3-Dichloropropene	ND		0.78	0.27	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Carbon disulfide	ND		7.8	0.31	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Carbon tetrachloride	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Chlorobenzene	ND		0.78	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Chloroform	ND		0.78	0.46	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Chloromethane	ND		16	1.2	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Dibromochloromethane	ND		1.6	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.78	0.24	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Dichlorodifluoromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Di-isopropyl ether (DIPE)	ND		0.78	0.39	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Ethanol	ND		190	51	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
<b>Ethylbenzene</b>	<b>0.33</b>	<b>J</b>	0.78	0.16	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Ethyl-t-butyl ether (ETBE)	ND		0.78	0.18	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Isopropylbenzene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Methylene Chloride	ND		7.8	2.4	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Naphthalene	ND		7.8	4.0	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
n-Butylbenzene	ND		0.78	0.16	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
N-Propylbenzene	ND		1.6	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
o-Xylene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
m,p-Xylene	ND		1.6	0.37	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
p-Isopropyltoluene	ND		0.78	0.54	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
sec-Butylbenzene	ND		0.78	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Styrene	ND		0.78	0.54	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
trans-1,2-Dichloroethene	ND		0.78	0.23	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
trans-1,3-Dichloropropene	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Tert-amyl-methyl ether (TAME)	ND		0.78	0.15	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
tert-Butyl alcohol (TBA)	ND		16	5.4	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
tert-Butylbenzene	ND		0.78	0.20	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Tetrachloroethene	ND		0.78	0.17	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
<b>Toluene</b>	<b>0.86</b>		0.78	0.47	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Trichloroethene	ND		1.6	0.30	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Trichlorofluoromethane	ND		7.8	0.21	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Vinyl acetate	ND		7.8	3.0	ug/Kg		08/09/21 12:15	08/10/21 01:46	1
Vinyl chloride	ND		0.78	0.29	ug/Kg		08/09/21 12:15	08/10/21 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 142	08/09/21 12:15	08/10/21 01:46	1
4-Bromofluorobenzene (Surr)	102		80 - 120	08/09/21 12:15	08/10/21 01:46	1
Dibromofluoromethane (Surr)	102		80 - 123	08/09/21 12:15	08/10/21 01:46	1
Toluene-d8 (Surr)	102		80 - 120	08/09/21 12:15	08/10/21 01:46	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.74	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1,1-Trichloroethane	ND		0.74	0.17	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.5	0.40	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.4	0.34	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1,2-Trichloroethane	ND		0.74	0.34	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1-Dichloroethane	ND		0.74	0.21	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1-Dichloroethene	ND		0.74	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,1-Dichloropropene	ND		1.5	0.29	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2,3-Trichlorobenzene	ND		1.5	0.74	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2,3-Trichloropropane	ND		1.5	0.31	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2,4-Trichlorobenzene	ND		1.5	0.30	ug/Kg		08/09/21 12:15	08/10/21 02:08	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.5	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2-Dibromo-3-Chloropropane	ND		7.4	5.0	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2-Dibromoethane	ND		0.74	0.15	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2-Dichlorobenzene	ND		0.74	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2-Dichloroethane	ND		0.74	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,2-Dichloropropane	ND		0.74	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,3,5-Trimethylbenzene	ND		1.5	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,3-Dichlorobenzene	ND		0.74	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,3-Dichloropropane	ND		0.74	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
1,4-Dichlorobenzene	ND		0.74	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
2,2-Dichloropropane	ND		3.7	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
2-Butanone	ND		15	3.3	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
2-Chlorotoluene	ND		0.74	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
2-Hexanone	ND		15	2.3	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
4-Chlorotoluene	ND		0.74	0.18	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
4-Methyl-2-pentanone	ND		15	2.2	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
<b>Acetone</b>	<b>10</b>	<b>J</b>	15	7.3	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
<b>Benzene</b>	<b>0.78</b>		0.74	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Bromobenzene	ND		0.74	0.15	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Bromochloromethane	ND		1.5	0.33	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Bromodichloromethane	ND		0.74	0.12	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Bromoform	ND		3.7	0.98	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Bromomethane	ND		15	4.9	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
cis-1,2-Dichloroethene	ND		0.74	0.25	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
cis-1,3-Dichloropropene	ND		0.74	0.26	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Carbon disulfide	ND		7.4	0.30	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Carbon tetrachloride	ND		0.74	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Chlorobenzene	ND		0.74	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Chloroethane	ND		1.5	1.1	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Chloroform	ND		0.74	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Chloromethane	ND		15	1.1	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Dibromochloromethane	ND		1.5	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Dibromomethane	ND		0.74	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Dichlorodifluoromethane	ND		1.5	0.34	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Di-isopropyl ether (DIPE)	ND		0.74	0.37	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
<b>Ethanol</b>	<b>81</b>	<b>J</b>	190	49	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
<b>Ethylbenzene</b>	<b>0.33</b>	<b>J</b>	0.74	0.15	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.74	0.17	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Isopropylbenzene	ND		0.74	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Methylene Chloride	ND		7.4	2.3	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5	0.14	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Naphthalene	ND		7.4	3.9	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
n-Butylbenzene	ND		0.74	0.16	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
N-Propylbenzene	ND		1.5	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
o-Xylene	ND		0.74	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
m,p-Xylene	ND		1.5	0.35	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
p-Isopropyltoluene	ND		0.74	0.52	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
sec-Butylbenzene	ND		0.74	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Styrene	ND		0.74	0.52	ug/Kg		08/09/21 12:15	08/10/21 02:08	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.74	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
trans-1,3-Dichloropropene	ND		1.5	0.21	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Tert-amyl-methyl ether (TAME)	ND		0.74	0.14	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
tert-Butyl alcohol (TBA)	ND		15	5.2	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
tert-Butylbenzene	ND		0.74	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Tetrachloroethene	ND		0.74	0.17	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
<b>Toluene</b>	<b>0.86</b>		0.74	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Trichloroethene	ND		1.5	0.29	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Trichlorofluoromethane	ND		7.4	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Vinyl acetate	ND		7.4	2.9	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Vinyl chloride	ND		0.74	0.28	ug/Kg		08/09/21 12:15	08/10/21 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 142				08/09/21 12:15	08/10/21 02:08	1
4-Bromofluorobenzene (Surr)	100		80 - 120				08/09/21 12:15	08/10/21 02:08	1
Dibromofluoromethane (Surr)	101		80 - 123				08/09/21 12:15	08/10/21 02:08	1
Toluene-d8 (Surr)	99		80 - 120				08/09/21 12:15	08/10/21 02:08	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1,1-Trichloroethane	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.43	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	0.37	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1,2-Trichloroethane	ND		0.79	0.37	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1-Dichloroethane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1-Dichloroethene	ND		0.79	0.21	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,1-Dichloropropene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2,3-Trichlorobenzene	ND		1.6	0.79	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2,3-Trichloropropane	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2,4-Trichlorobenzene	ND		1.6	0.33	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2,4-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2-Dibromo-3-Chloropropane	ND		7.9	5.4	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2-Dibromoethane	ND		0.79	0.16	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2-Dichlorobenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2-Dichloroethane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,2-Dichloropropane	ND		0.79	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,3,5-Trimethylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,3-Dichlorobenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,3-Dichloropropane	ND		0.79	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
1,4-Dichlorobenzene	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
2,2-Dichloropropane	ND		4.0	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
2-Butanone	ND		16	3.6	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
2-Chlorotoluene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
2-Hexanone	ND		16	2.4	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
4-Chlorotoluene	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
4-Methyl-2-pentanone	ND		16	2.3	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
<b>Acetone</b>	<b>13</b>	<b>J</b>	16	7.8	ug/Kg		08/09/21 12:15	08/10/21 02:30	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.87</b>		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Bromobenzene	ND		0.79	0.17	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Bromochloromethane	ND		1.6	0.35	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Bromodichloromethane	ND		0.79	0.13	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Bromoform	ND		4.0	1.0	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Bromomethane	ND		16	5.2	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
cis-1,2-Dichloroethene	ND		0.79	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
cis-1,3-Dichloropropene	ND		0.79	0.28	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Carbon disulfide	ND		7.9	0.32	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Carbon tetrachloride	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Chlorobenzene	ND		0.79	0.21	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Chloroform	ND		0.79	0.47	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Chloromethane	ND		16	1.2	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Dibromochloromethane	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Dibromomethane	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Dichlorodifluoromethane	ND		1.6	0.36	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Di-isopropyl ether (DIPE)	ND		0.79	0.40	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
<b>Ethanol</b>	<b>100</b>	<b>J</b>	200	52	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
<b>Ethylbenzene</b>	<b>0.29</b>	<b>J</b>	0.79	0.16	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.79	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Isopropylbenzene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Methylene Chloride	ND		7.9	2.5	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Naphthalene	ND		7.9	4.1	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
n-Butylbenzene	ND		0.79	0.17	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
N-Propylbenzene	ND		1.6	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
o-Xylene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
m,p-Xylene	ND		1.6	0.38	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
p-Isopropyltoluene	ND		0.79	0.56	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
sec-Butylbenzene	ND		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Styrene	ND		0.79	0.56	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
trans-1,2-Dichloroethene	ND		0.79	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
trans-1,3-Dichloropropene	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Tert-amyl-methyl ether (TAME)	ND		0.79	0.15	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
tert-Butyl alcohol (TBA)	ND		16	5.5	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
tert-Butylbenzene	ND		0.79	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Tetrachloroethene	ND		0.79	0.18	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
<b>Toluene</b>	<b>0.88</b>		0.79	0.48	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Trichloroethene	ND		1.6	0.31	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Trichlorofluoromethane	ND		7.9	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Vinyl acetate	ND		7.9	3.1	ug/Kg		08/09/21 12:15	08/10/21 02:30	1
Vinyl chloride	ND		0.79	0.30	ug/Kg		08/09/21 12:15	08/10/21 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 142	08/09/21 12:15	08/10/21 02:30	1
4-Bromofluorobenzene (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 02:30	1
Dibromofluoromethane (Surr)	97		80 - 123	08/09/21 12:15	08/10/21 02:30	1
Toluene-d8 (Surr)	101		80 - 120	08/09/21 12:15	08/10/21 02:30	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS)

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98	0.28	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1,1-Trichloroethane	ND		0.98	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.53	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8	0.45	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1,2-Trichloroethane	ND		0.98	0.45	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1-Dichloroethane	ND		0.98	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1-Dichloroethene	ND		0.98	0.26	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,1-Dichloropropene	ND		2.0	0.38	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2,3-Trichlorobenzene	ND		2.0	0.98	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2,3-Trichloropropane	ND		2.0	0.41	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2,4-Trichlorobenzene	ND		2.0	0.40	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2,4-Trimethylbenzene	ND		2.0	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2-Dibromo-3-Chloropropane	ND		9.8	6.6	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2-Dibromoethane	ND		0.98	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2-Dichlorobenzene	ND		0.98	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2-Dichloroethane	ND		0.98	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,2-Dichloropropane	ND		0.98	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,3,5-Trimethylbenzene	ND		2.0	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,3-Dichlorobenzene	ND		0.98	0.25	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,3-Dichloropropane	ND		0.98	0.29	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
1,4-Dichlorobenzene	ND		0.98	0.30	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
2,2-Dichloropropane	ND		4.9	0.26	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
2-Butanone	ND		20	4.4	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
2-Chlorotoluene	ND		0.98	0.25	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
2-Hexanone	ND		20	3.0	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
4-Chlorotoluene	ND		0.98	0.24	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
4-Methyl-2-pentanone	ND		20	2.8	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>Acetone</b>	<b>16</b>	<b>J</b>	20	9.6	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>Benzene</b>	<b>1.2</b>		0.98	0.25	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Bromobenzene	ND		0.98	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Bromochloromethane	ND		2.0	0.43	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Bromodichloromethane	ND		0.98	0.16	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Bromoform	ND		4.9	1.3	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Bromomethane	ND		20	6.4	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
cis-1,2-Dichloroethene	ND		0.98	0.33	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
cis-1,3-Dichloropropane	ND		0.98	0.34	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Carbon disulfide	ND		9.8	0.39	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Carbon tetrachloride	ND		0.98	0.29	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Chlorobenzene	ND		0.98	0.26	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Chloroform	ND		0.98	0.58	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Chloromethane	ND		20	1.5	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Dibromomethane	ND		0.98	0.30	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Dichlorodifluoromethane	ND		2.0	0.44	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Di-isopropyl ether (DIPE)	ND		0.98	0.49	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>Ethanol</b>	<b>68</b>	<b>J</b>	240	64	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>Ethylbenzene</b>	<b>0.49</b>	<b>J</b>	0.98	0.20	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.98	0.23	ug/Kg		08/09/21 12:15	08/10/21 02:53	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.98	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Methylene Chloride	ND		9.8	3.1	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.18	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Naphthalene	ND		9.8	5.1	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
n-Butylbenzene	ND		0.98	0.21	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
N-Propylbenzene	ND		2.0	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
o-Xylene	ND		0.98	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>m,p-Xylene</b>	<b>0.50</b>	<b>J</b>	2.0	0.46	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
p-Isopropyltoluene	ND		0.98	0.68	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
sec-Butylbenzene	ND		0.98	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Styrene	ND		0.98	0.68	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
trans-1,2-Dichloroethene	ND		0.98	0.29	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
trans-1,3-Dichloropropene	ND		2.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Tert-amyl-methyl ether (TAME)	ND		0.98	0.19	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
tert-Butyl alcohol (TBA)	ND		20	6.8	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
tert-Butylbenzene	ND		0.98	0.25	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Tetrachloroethene	ND		0.98	0.22	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
<b>Toluene</b>	<b>1.4</b>		0.98	0.59	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Trichloroethene	ND		2.0	0.38	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Trichlorofluoromethane	ND		9.8	0.27	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Vinyl acetate	ND		9.8	3.8	ug/Kg		08/09/21 12:15	08/10/21 02:53	1
Vinyl chloride	ND		0.98	0.37	ug/Kg		08/09/21 12:15	08/10/21 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 142	08/09/21 12:15	08/10/21 02:53	1
4-Bromofluorobenzene (Surr)	103		80 - 120	08/09/21 12:15	08/10/21 02:53	1
Dibromofluoromethane (Surr)	101		80 - 123	08/09/21 12:15	08/10/21 02:53	1
Toluene-d8 (Surr)	101		80 - 120	08/09/21 12:15	08/10/21 02:53	1

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1,2,2-Tetrachloroethane	ND		2.2	0.59	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.50	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1,2-Trichloroethane	ND		1.1	0.50	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1-Dichloroethane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1-Dichloroethene	ND		1.1	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,1-Dichloropropene	ND		2.2	0.42	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2,3-Trichlorobenzene	ND		2.2	1.1	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2,3-Trichloropropane	ND		2.2	0.46	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2,4-Trichlorobenzene	ND		2.2	0.45	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2,4-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2-Dibromo-3-Chloropropane	ND		11	7.3	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2-Dibromoethane	ND		1.1	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2-Dichloroethane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,2-Dichloropropane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,3-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,3-Dichloropropane	ND		1.1	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
1,4-Dichlorobenzene	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
2,2-Dichloropropane	ND		5.4	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
2-Butanone	ND		22	4.9	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
2-Chlorotoluene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
2-Hexanone	ND		22	3.3	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
4-Chlorotoluene	ND		1.1	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
4-Methyl-2-pentanone	ND		22	3.2	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
<b>Acetone</b>	<b>21</b>	<b>J</b>	22	11	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
<b>Benzene</b>	<b>1.1</b>		1.1	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Bromobenzene	ND		1.1	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Bromochloromethane	ND		2.2	0.48	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Bromodichloromethane	ND		1.1	0.17	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Bromoform	ND		5.4	1.4	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Bromomethane	ND		22	7.1	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
cis-1,2-Dichloroethene	ND		1.1	0.37	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
cis-1,3-Dichloropropene	ND		1.1	0.38	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Carbon disulfide	ND		11	0.43	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Carbon tetrachloride	ND		1.1	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Chlorobenzene	ND		1.1	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Chloroethane	ND		2.2	1.6	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Chloroform	ND		1.1	0.64	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Chloromethane	ND		22	1.7	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Dibromochloromethane	ND		2.2	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Dibromomethane	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Dichlorodifluoromethane	ND		2.2	0.49	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Di-isopropyl ether (DIPE)	ND		1.1	0.54	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
<b>Ethanol</b>	<b>130</b>	<b>J</b>	270	72	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
<b>Ethylbenzene</b>	<b>0.47</b>	<b>J</b>	1.1	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Isopropylbenzene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Methylene Chloride	ND		11	3.4	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Methyl-t-Butyl Ether (MTBE)	ND		2.2	0.20	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Naphthalene	ND		11	5.7	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
n-Butylbenzene	ND		1.1	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
N-Propylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
o-Xylene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
m,p-Xylene	ND		2.2	0.51	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
p-Isopropyltoluene	ND		1.1	0.76	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
sec-Butylbenzene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Styrene	ND		1.1	0.76	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
trans-1,2-Dichloroethene	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
trans-1,3-Dichloropropene	ND		2.2	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.21	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
<b>tert-Butyl alcohol (TBA)</b>	<b>22</b>		22	7.6	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
tert-Butylbenzene	ND		1.1	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Tetrachloroethene	ND		1.1	0.24	ug/Kg		08/09/21 12:15	08/10/21 03:15	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Toluene</b>	<b>1.3</b>		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Trichloroethene	ND		2.2	0.42	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Trichlorofluoromethane	ND		11	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Vinyl acetate	ND		11	4.2	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Vinyl chloride	ND		1.1	0.41	ug/Kg		08/09/21 12:15	08/10/21 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 142				08/09/21 12:15	08/10/21 03:15	1
4-Bromofluorobenzene (Surr)	99		80 - 120				08/09/21 12:15	08/10/21 03:15	1
Dibromofluoromethane (Surr)	96		80 - 123				08/09/21 12:15	08/10/21 03:15	1
Toluene-d8 (Surr)	101		80 - 120				08/09/21 12:15	08/10/21 03:15	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.31	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1,2,2-Tetrachloroethane	ND		2.2	0.59	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.50	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1,2-Trichloroethane	ND		1.1	0.50	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1-Dichloroethane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1-Dichloroethene	ND		1.1	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,1-Dichloropropene	ND		2.2	0.42	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2,3-Trichlorobenzene	ND		2.2	1.1	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2,3-Trichloropropane	ND		2.2	0.45	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2,4-Trichlorobenzene	ND		2.2	0.44	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2,4-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2-Dibromo-3-Chloropropane	ND		11	7.3	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2-Dibromoethane	ND		1.1	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2-Dichloroethane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,2-Dichloropropane	ND		1.1	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,3,5-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,3-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,3-Dichloropropane	ND		1.1	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
1,4-Dichlorobenzene	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
2,2-Dichloropropane	ND		5.4	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
2-Butanone	ND		22	4.9	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
2-Chlorotoluene	ND		1.1	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
2-Hexanone	ND		22	3.3	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
4-Chlorotoluene	ND		1.1	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
4-Methyl-2-pentanone	ND		22	3.1	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>Acetone</b>	<b>15</b>	<b>J</b>	22	11	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>Benzene</b>	<b>1.2</b>		1.1	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Bromobenzene	ND		1.1	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Bromochloromethane	ND		2.2	0.48	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Bromodichloromethane	ND		1.1	0.17	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Bromoform	ND		5.4	1.4	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Bromomethane	ND		22	7.1	ug/Kg		08/09/21 12:15	08/10/21 03:37	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.1	0.36	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
cis-1,3-Dichloropropene	ND		1.1	0.38	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Carbon disulfide	ND		11	0.43	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Carbon tetrachloride	ND		1.1	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Chlorobenzene	ND		1.1	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Chloroethane	ND		2.2	1.6	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Chloroform	ND		1.1	0.64	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Chloromethane	ND		22	1.7	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Dibromochloromethane	ND		2.2	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Dibromomethane	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Dichlorodifluoromethane	ND		2.2	0.49	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Di-isopropyl ether (DIPE)	ND		1.1	0.54	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>Ethanol</b>	<b>210</b>	<b>J</b>	270	71	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>Ethylbenzene</b>	<b>0.69</b>	<b>J</b>	1.1	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Isopropylbenzene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Methylene Chloride	ND		11	3.4	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Methyl-t-Butyl Ether (MTBE)	ND		2.2	0.20	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Naphthalene	ND		11	5.6	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
n-Butylbenzene	ND		1.1	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
N-Propylbenzene	ND		2.2	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
o-Xylene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>m,p-Xylene</b>	<b>0.69</b>	<b>J</b>	2.2	0.51	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
p-Isopropyltoluene	ND		1.1	0.76	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
sec-Butylbenzene	ND		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Styrene	ND		1.1	0.76	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
trans-1,2-Dichloroethene	ND		1.1	0.33	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
trans-1,3-Dichloropropene	ND		2.2	0.30	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.21	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
tert-Butyl alcohol (TBA)	ND		22	7.6	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
tert-Butylbenzene	ND		1.1	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Tetrachloroethene	ND		1.1	0.24	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
<b>Toluene</b>	<b>1.7</b>		1.1	0.65	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Trichloroethene	ND		2.2	0.42	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Trichlorofluoromethane	ND		11	0.29	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Vinyl acetate	ND		11	4.2	ug/Kg		08/09/21 12:15	08/10/21 03:37	1
Vinyl chloride	ND		1.1	0.41	ug/Kg		08/09/21 12:15	08/10/21 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 142	08/09/21 12:15	08/10/21 03:37	1
4-Bromofluorobenzene (Surr)	99		80 - 120	08/09/21 12:15	08/10/21 03:37	1
Dibromofluoromethane (Surr)	102		80 - 123	08/09/21 12:15	08/10/21 03:37	1
Toluene-d8 (Surr)	101		80 - 120	08/09/21 12:15	08/10/21 03:37	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.92	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1,1-Trichloroethane	ND		0.92	0.21	ug/Kg		08/09/21 12:15	08/10/21 03:59	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.8	0.50	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.2	0.43	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1,2-Trichloroethane	ND		0.92	0.43	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1-Dichloroethane	ND		0.92	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1-Dichloroethene	ND		0.92	0.24	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,1-Dichloropropene	ND		1.8	0.36	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2,3-Trichlorobenzene	ND		1.8	0.92	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2,3-Trichloropropane	ND		1.8	0.39	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2,4-Trichlorobenzene	ND		1.8	0.38	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2,4-Trimethylbenzene	ND		1.8	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2-Dibromo-3-Chloropropane	ND		9.2	6.2	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2-Dibromoethane	ND		0.92	0.19	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2-Dichlorobenzene	ND		0.92	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2-Dichloroethane	ND		0.92	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,2-Dichloropropane	ND		0.92	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,3,5-Trimethylbenzene	ND		1.8	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,3-Dichlorobenzene	ND		0.92	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,3-Dichloropropane	ND		0.92	0.27	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
1,4-Dichlorobenzene	ND		0.92	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
2,2-Dichloropropane	ND		4.6	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
2-Butanone	ND		18	4.2	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
2-Chlorotoluene	ND		0.92	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
2-Hexanone	ND		18	2.8	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
4-Chlorotoluene	ND		0.92	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
4-Methyl-2-pentanone	ND		18	2.7	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
<b>Acetone</b>	<b>18</b>		18	9.0	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
<b>Benzene</b>	<b>1.2</b>		0.92	0.24	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Bromobenzene	ND		0.92	0.19	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Bromochloromethane	ND		1.8	0.41	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Bromodichloromethane	ND		0.92	0.15	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Bromoform	ND		4.6	1.2	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Bromomethane	ND		18	6.1	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
cis-1,2-Dichloroethene	ND		0.92	0.31	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
cis-1,3-Dichloropropane	ND		0.92	0.32	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Carbon disulfide	ND		9.2	0.37	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Carbon tetrachloride	ND		0.92	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Chlorobenzene	ND		0.92	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Chloroethane	ND		1.8	1.4	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Chloroform	ND		0.92	0.54	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Chloromethane	ND		18	1.4	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Dibromochloromethane	ND		1.8	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Dibromomethane	ND		0.92	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Dichlorodifluoromethane	ND		1.8	0.42	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Di-isopropyl ether (DIPE)	ND		0.92	0.46	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Ethanol	ND		230	61	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
<b>Ethylbenzene</b>	<b>0.42 J</b>		0.92	0.19	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.92	0.22	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Isopropylbenzene	ND		0.92	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Methylene Chloride	ND		9.2	2.9	ug/Kg		08/09/21 12:15	08/10/21 03:59	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.17	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Naphthalene	ND		9.2	4.8	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
n-Butylbenzene	ND		0.92	0.19	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
N-Propylbenzene	ND		1.8	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
o-Xylene	ND		0.92	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
<b>m,p-Xylene</b>	<b>0.49</b>	<b>J</b>	1.8	0.44	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
p-Isopropyltoluene	ND		0.92	0.64	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
sec-Butylbenzene	ND		0.92	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Styrene	ND		0.92	0.64	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
trans-1,2-Dichloroethene	ND		0.92	0.28	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
trans-1,3-Dichloropropene	ND		1.8	0.26	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Tert-amyl-methyl ether (TAME)	ND		0.92	0.18	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
tert-Butyl alcohol (TBA)	ND		18	6.4	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
tert-Butylbenzene	ND		0.92	0.23	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Tetrachloroethene	ND		0.92	0.21	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
<b>Toluene</b>	<b>1.2</b>		0.92	0.55	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Trichloroethene	ND		1.8	0.36	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Trichlorofluoromethane	ND		9.2	0.25	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Vinyl acetate	ND		9.2	3.6	ug/Kg		08/09/21 12:15	08/10/21 03:59	1
Vinyl chloride	ND		0.92	0.35	ug/Kg		08/09/21 12:15	08/10/21 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 142	08/09/21 12:15	08/10/21 03:59	1
4-Bromofluorobenzene (Surr)	99		80 - 120	08/09/21 12:15	08/10/21 03:59	1
Dibromofluoromethane (Surr)	98		80 - 123	08/09/21 12:15	08/10/21 03:59	1
Toluene-d8 (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 03:59	1

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95	0.28	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1,1-Trichloroethane	ND		0.95	0.22	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.52	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	0.44	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1,2-Trichloroethane	ND		0.95	0.44	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1-Dichloroethane	ND		0.95	0.27	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1-Dichloroethene	ND		0.95	0.25	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2,3-Trichlorobenzene	ND		1.9	0.95	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2,3-Trichloropropane	ND		1.9	0.40	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2,4-Trimethylbenzene	ND		1.9	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2-Dibromo-3-Chloropropane	ND		9.5	6.5	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2-Dibromoethane	ND		0.95	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2-Dichlorobenzene	ND		0.95	0.24	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2-Dichloroethane	ND		0.95	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,2-Dichloropropane	ND		0.95	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,3,5-Trimethylbenzene	ND		1.9	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,3-Dichlorobenzene	ND		0.95	0.24	ug/Kg		08/09/21 12:15	08/10/21 04:21	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.95	0.28	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
1,4-Dichlorobenzene	ND		0.95	0.29	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
2,2-Dichloropropane	ND		4.8	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
2-Butanone	ND		19	4.3	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
2-Chlorotoluene	ND		0.95	0.24	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
2-Hexanone	ND		19	2.9	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
4-Chlorotoluene	ND		0.95	0.23	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
4-Methyl-2-pentanone	ND		19	2.8	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>Acetone</b>	<b>12</b>	<b>J</b>	19	9.4	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>Benzene</b>	<b>1.3</b>		0.95	0.25	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Bromobenzene	ND		0.95	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Bromochloromethane	ND		1.9	0.42	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Bromodichloromethane	ND		0.95	0.15	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Bromoform	ND		4.8	1.3	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Bromomethane	ND		19	6.3	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
cis-1,2-Dichloroethene	ND		0.95	0.32	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
cis-1,3-Dichloropropene	ND		0.95	0.33	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Carbon disulfide	ND		9.5	0.38	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Carbon tetrachloride	ND		0.95	0.29	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Chlorobenzene	ND		0.95	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Chloroethane	ND		1.9	1.4	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Chloroform	ND		0.95	0.56	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Chloromethane	ND		19	1.5	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Dibromomethane	ND		0.95	0.29	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Dichlorodifluoromethane	ND		1.9	0.43	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Di-isopropyl ether (DIPE)	ND		0.95	0.48	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>Ethanol</b>	<b>120</b>	<b>J</b>	240	63	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>Ethylbenzene</b>	<b>0.56</b>	<b>J</b>	0.95	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.95	0.23	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Isopropylbenzene	ND		0.95	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Methylene Chloride	ND		9.5	3.0	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Naphthalene	ND		9.5	5.0	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
n-Butylbenzene	ND		0.95	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
N-Propylbenzene	ND		1.9	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
o-Xylene	ND		0.95	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>m,p-Xylene</b>	<b>0.56</b>	<b>J</b>	1.9	0.45	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
p-Isopropyltoluene	ND		0.95	0.67	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
sec-Butylbenzene	ND		0.95	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Styrene	ND		0.95	0.67	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
trans-1,2-Dichloroethene	ND		0.95	0.29	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
trans-1,3-Dichloropropene	ND		1.9	0.27	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Tert-amyl-methyl ether (TAME)	ND		0.95	0.19	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
tert-Butyl alcohol (TBA)	ND		19	6.7	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
tert-Butylbenzene	ND		0.95	0.24	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Tetrachloroethene	ND		0.95	0.21	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
<b>Toluene</b>	<b>1.5</b>		0.95	0.57	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Trichloroethene	ND		1.9	0.37	ug/Kg		08/09/21 12:15	08/10/21 04:21	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		9.5	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Vinyl acetate	ND		9.5	3.7	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Vinyl chloride	ND		0.95	0.36	ug/Kg		08/09/21 12:15	08/10/21 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		80 - 142				08/09/21 12:15	08/10/21 04:21	1
4-Bromofluorobenzene (Surr)	101		80 - 120				08/09/21 12:15	08/10/21 04:21	1
Dibromofluoromethane (Surr)	100		80 - 123				08/09/21 12:15	08/10/21 04:21	1
Toluene-d8 (Surr)	102		80 - 120				08/09/21 12:15	08/10/21 04:21	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.68	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1,1-Trichloroethane	ND		0.68	0.16	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.37	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	0.31	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1,2-Trichloroethane	ND		0.68	0.31	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1-Dichloroethane	ND		0.68	0.19	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1-Dichloroethene	ND		0.68	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,1-Dichloropropene	ND		1.4	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2,3-Trichlorobenzene	ND		1.4	0.68	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2,3-Trichloropropane	ND		1.4	0.28	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2,4-Trichlorobenzene	ND		1.4	0.28	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2,4-Trimethylbenzene	ND		1.4	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2-Dibromo-3-Chloropropane	ND		6.8	4.6	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2-Dibromoethane	ND		0.68	0.14	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2-Dichlorobenzene	ND		0.68	0.17	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2-Dichloroethane	ND		0.68	0.19	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,2-Dichloropropane	ND		0.68	0.19	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,3,5-Trimethylbenzene	ND		1.4	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,3-Dichlorobenzene	ND		0.68	0.17	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,3-Dichloropropane	ND		0.68	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
1,4-Dichlorobenzene	ND		0.68	0.21	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
2,2-Dichloropropane	ND		3.4	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
2-Butanone	ND		14	3.1	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
2-Chlorotoluene	ND		0.68	0.17	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
2-Hexanone	ND		14	2.1	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
4-Chlorotoluene	ND		0.68	0.16	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
4-Methyl-2-pentanone	ND		14	2.0	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Acetone	ND		14	6.7	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
<b>Benzene</b>	<b>0.70</b>		0.68	0.17	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Bromobenzene	ND		0.68	0.14	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Bromochloromethane	ND		1.4	0.30	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Bromodichloromethane	ND		0.68	0.11	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Bromoform	ND		3.4	0.89	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Bromomethane	ND		14	4.4	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
cis-1,2-Dichloroethene	ND		0.68	0.23	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
cis-1,3-Dichloropropene	ND		0.68	0.24	ug/Kg		08/09/21 12:15	08/10/21 04:43	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		6.8	0.27	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Carbon tetrachloride	ND		0.68	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Chlorobenzene	ND		0.68	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Chloroethane	ND		1.4	1.0	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Chloroform	ND		0.68	0.40	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Chloromethane	ND		14	1.0	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Dibromochloromethane	ND		1.4	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Dibromomethane	ND		0.68	0.21	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Dichlorodifluoromethane	ND		1.4	0.31	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Di-isopropyl ether (DIPE)	ND		0.68	0.34	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
<b>Ethanol</b>	<b>53</b>	<b>J</b>	170	45	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
<b>Ethylbenzene</b>	<b>0.31</b>	<b>J</b>	0.68	0.14	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.68	0.16	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Isopropylbenzene	ND		0.68	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Methylene Chloride	ND		6.8	2.1	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.4	0.13	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Naphthalene	ND		6.8	3.5	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
n-Butylbenzene	ND		0.68	0.14	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
N-Propylbenzene	ND		1.4	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
o-Xylene	ND		0.68	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
<b>m,p-Xylene</b>	<b>0.37</b>	<b>J</b>	1.4	0.32	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
p-Isopropyltoluene	ND		0.68	0.47	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
sec-Butylbenzene	ND		0.68	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Styrene	ND		0.68	0.47	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
trans-1,2-Dichloroethene	ND		0.68	0.20	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
trans-1,3-Dichloropropene	ND		1.4	0.19	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Tert-amyl-methyl ether (TAME)	ND		0.68	0.13	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
tert-Butyl alcohol (TBA)	ND		14	4.7	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
tert-Butylbenzene	ND		0.68	0.17	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Tetrachloroethene	ND		0.68	0.15	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
<b>Toluene</b>	<b>0.92</b>		0.68	0.41	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Trichloroethene	ND		1.4	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Trichlorofluoromethane	ND		6.8	0.18	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Vinyl acetate	ND		6.8	2.6	ug/Kg		08/09/21 12:15	08/10/21 04:43	1
Vinyl chloride	ND		0.68	0.26	ug/Kg		08/09/21 12:15	08/10/21 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 142	08/09/21 12:15	08/10/21 04:43	1
4-Bromofluorobenzene (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 04:43	1
Dibromofluoromethane (Surr)	101		80 - 123	08/09/21 12:15	08/10/21 04:43	1
Toluene-d8 (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 04:43	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.55	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.47	ug/Kg		08/09/21 12:15	08/10/21 18:59	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.47	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2,3-Trichloropropane	ND		2.0	0.43	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2,4-Trichlorobenzene	ND		2.0	0.42	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2,4-Trimethylbenzene	ND		2.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2-Dibromo-3-Chloropropane	ND		10	6.9	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,3,5-Trimethylbenzene	ND		2.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
2,2-Dichloropropane	ND		5.1	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
2-Butanone	ND		20	4.6	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
2-Chlorotoluene	ND		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
2-Hexanone	ND		20	3.1	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
4-Chlorotoluene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
4-Methyl-2-pentanone	ND		20	3.0	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
<b>Acetone</b>	<b>17</b>	<b>J</b>	20	10	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
<b>Benzene</b>	<b>1.1</b>		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Bromobenzene	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Bromochloromethane	ND		2.0	0.45	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Bromoform	ND		5.1	1.3	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Bromomethane	ND		20	6.7	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Carbon disulfide	ND		10	0.41	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Chlorobenzene	ND		1.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Chloroform	ND		1.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Chloromethane	ND		20	1.6	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Dibromochloromethane	ND		2.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Dibromomethane	ND		1.0	0.31	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Dichlorodifluoromethane	ND		2.0	0.46	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Di-isopropyl ether (DIPE)	ND		1.0	0.51	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Ethanol	ND		250	67	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
<b>Ethylbenzene</b>	<b>0.45</b>	<b>J</b>	1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Isopropylbenzene	ND		1.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Methylene Chloride	ND		10	3.2	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Naphthalene	ND		10	5.3	ug/Kg		08/09/21 12:15	08/10/21 18:59	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
N-Propylbenzene	ND		2.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
o-Xylene	ND		1.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
m,p-Xylene	ND		2.0	0.48	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
p-Isopropyltoluene	ND		1.0	0.71	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
sec-Butylbenzene	ND		1.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Styrene	ND		1.0	0.71	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
tert-Butyl alcohol (TBA)	ND		20	7.1	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
tert-Butylbenzene	ND		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Tetrachloroethene	ND		1.0	0.23	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
<b>Toluene</b>	<b>1.3</b>		1.0	0.61	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Trichloroethene	ND		2.0	0.39	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Trichlorofluoromethane	ND		10	0.28	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Vinyl acetate	ND		10	4.0	ug/Kg		08/09/21 12:15	08/10/21 18:59	1
Vinyl chloride	ND		1.0	0.38	ug/Kg		08/09/21 12:15	08/10/21 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		80 - 142	08/09/21 12:15	08/10/21 18:59	1
4-Bromofluorobenzene (Surr)	98		80 - 120	08/09/21 12:15	08/10/21 18:59	1
Dibromofluoromethane (Surr)	102		80 - 123	08/09/21 12:15	08/10/21 18:59	1
Toluene-d8 (Surr)	98		80 - 120	08/09/21 12:15	08/10/21 18:59	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88	0.25	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1,1-Trichloroethane	ND		0.88	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.48	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	0.41	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1,2-Trichloroethane	ND		0.88	0.41	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1-Dichloroethane	ND		0.88	0.25	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1-Dichloroethene	ND		0.88	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,1-Dichloropropene	ND		1.8	0.34	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2,3-Trichlorobenzene	ND		1.8	0.88	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2,3-Trichloropropane	ND		1.8	0.37	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2,4-Trichlorobenzene	ND		1.8	0.36	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2,4-Trimethylbenzene	ND		1.8	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2-Dibromo-3-Chloropropane	ND		8.8	5.9	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2-Dibromoethane	ND		0.88	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2-Dichlorobenzene	ND		0.88	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2-Dichloroethane	ND		0.88	0.24	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,2-Dichloropropane	ND		0.88	0.24	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,3,5-Trimethylbenzene	ND		1.8	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,3-Dichlorobenzene	ND		0.88	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,3-Dichloropropane	ND		0.88	0.26	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
1,4-Dichlorobenzene	ND		0.88	0.27	ug/Kg		08/09/21 12:15	08/10/21 19:25	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		4.4	0.24	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
2-Butanone	ND		18	4.0	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
2-Chlorotoluene	ND		0.88	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
2-Hexanone	ND		18	2.7	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
4-Chlorotoluene	ND		0.88	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
4-Methyl-2-pentanone	ND		18	2.5	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>Acetone</b>	<b>15</b>	<b>J</b>	18	8.6	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>Benzene</b>	<b>1.4</b>		0.88	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Bromobenzene	ND		0.88	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Bromochloromethane	ND		1.8	0.39	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Bromodichloromethane	ND		0.88	0.14	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Bromoform	ND		4.4	1.2	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Bromomethane	ND		18	5.8	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
cis-1,2-Dichloroethene	ND		0.88	0.30	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
cis-1,3-Dichloropropene	ND		0.88	0.31	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Carbon disulfide	ND		8.8	0.35	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Carbon tetrachloride	ND		0.88	0.26	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Chlorobenzene	ND		0.88	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Chloroethane	ND		1.8	1.3	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Chloroform	ND		0.88	0.52	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Chloromethane	ND		18	1.3	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Dibromochloromethane	ND		1.8	0.24	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Dibromomethane	ND		0.88	0.27	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Dichlorodifluoromethane	ND		1.8	0.40	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Di-isopropyl ether (DIPE)	ND		0.88	0.44	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>Ethanol</b>	<b>170</b>	<b>J</b>	220	58	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>Ethylbenzene</b>	<b>0.50</b>	<b>J</b>	0.88	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.88	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Isopropylbenzene	ND		0.88	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Methylene Chloride	ND		8.8	2.7	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.16	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Naphthalene	ND		8.8	4.6	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
n-Butylbenzene	ND		0.88	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
N-Propylbenzene	ND		1.8	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
o-Xylene	ND		0.88	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>m,p-Xylene</b>	<b>0.49</b>	<b>J</b>	1.8	0.42	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
p-Isopropyltoluene	ND		0.88	0.61	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
sec-Butylbenzene	ND		0.88	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Styrene	ND		0.88	0.61	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
trans-1,2-Dichloroethene	ND		0.88	0.26	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
trans-1,3-Dichloropropene	ND		1.8	0.25	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Tert-amyl-methyl ether (TAME)	ND		0.88	0.17	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
tert-Butyl alcohol (TBA)	ND		18	6.1	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
tert-Butylbenzene	ND		0.88	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Tetrachloroethene	ND		0.88	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
<b>Toluene</b>	<b>1.5</b>		0.88	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Trichloroethene	ND		1.8	0.34	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Trichlorofluoromethane	ND		8.8	0.24	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Vinyl acetate	ND		8.8	3.4	ug/Kg		08/09/21 12:15	08/10/21 19:25	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.88	0.33	ug/Kg		08/09/21 12:15	08/10/21 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	129		80 - 142				08/09/21 12:15	08/10/21 19:25	1
4-Bromofluorobenzene (Surr)	98		80 - 120				08/09/21 12:15	08/10/21 19:25	1
Dibromofluoromethane (Surr)	105		80 - 123				08/09/21 12:15	08/10/21 19:25	1
Toluene-d8 (Surr)	99		80 - 120				08/09/21 12:15	08/10/21 19:25	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.75	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1,1-Trichloroethane	ND		0.75	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1,2,2-Tetrachloroethane	ND		1.5	0.41	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.5	0.35	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1,2-Trichloroethane	ND		0.75	0.35	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1-Dichloroethane	ND		0.75	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1-Dichloroethene	ND		0.75	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,1-Dichloropropene	ND		1.5	0.29	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2,3-Trichlorobenzene	ND		1.5	0.75	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2,3-Trichloropropane	ND		1.5	0.32	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2,4-Trichlorobenzene	ND		1.5	0.31	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2,4-Trimethylbenzene	ND		1.5	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2-Dibromo-3-Chloropropane	ND		7.5	5.1	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2-Dibromoethane	ND		0.75	0.15	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2-Dichlorobenzene	ND		0.75	0.19	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2-Dichloroethane	ND		0.75	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,2-Dichloropropane	ND		0.75	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,3,5-Trimethylbenzene	ND		1.5	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,3-Dichlorobenzene	ND		0.75	0.19	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,3-Dichloropropane	ND		0.75	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
1,4-Dichlorobenzene	ND		0.75	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
2,2-Dichloropropane	ND		3.8	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
2-Butanone	ND		15	3.4	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
2-Chlorotoluene	ND		0.75	0.19	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
2-Hexanone	ND		15	2.3	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
4-Chlorotoluene	ND		0.75	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
4-Methyl-2-pentanone	ND		15	2.2	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>Acetone</b>	<b>10</b>	<b>J</b>	15	7.4	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>Benzene</b>	<b>0.97</b>		0.75	0.19	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Bromobenzene	ND		0.75	0.16	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Bromochloromethane	ND		1.5	0.33	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Bromodichloromethane	ND		0.75	0.12	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Bromoform	ND		3.8	0.99	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Bromomethane	ND		15	4.9	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
cis-1,2-Dichloroethene	ND		0.75	0.25	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
cis-1,3-Dichloropropene	ND		0.75	0.26	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Carbon disulfide	ND		7.5	0.30	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Carbon tetrachloride	ND		0.75	0.22	ug/Kg		08/09/21 12:15	08/10/21 19:51	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.75	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Chloroethane	ND		1.5	1.1	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Chloroform	ND		0.75	0.44	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Chloromethane	ND		15	1.2	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Dibromochloromethane	ND		1.5	0.20	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Dibromomethane	ND		0.75	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Dichlorodifluoromethane	ND		1.5	0.34	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Di-isopropyl ether (DIPE)	ND		0.75	0.38	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>Ethanol</b>	<b>77</b>	<b>J</b>	190	50	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>Ethylbenzene</b>	<b>0.38</b>	<b>J</b>	0.75	0.16	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.75	0.18	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Isopropylbenzene	ND		0.75	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Methylene Chloride	ND		7.5	2.3	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5	0.14	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Naphthalene	ND		7.5	3.9	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
n-Butylbenzene	ND		0.75	0.16	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
N-Propylbenzene	ND		1.5	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
o-Xylene	ND		0.75	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>m,p-Xylene</b>	<b>0.36</b>	<b>J</b>	1.5	0.36	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
p-Isopropyltoluene	ND		0.75	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
sec-Butylbenzene	ND		0.75	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Styrene	ND		0.75	0.53	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
trans-1,2-Dichloroethene	ND		0.75	0.23	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
trans-1,3-Dichloropropene	ND		1.5	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Tert-amyl-methyl ether (TAME)	ND		0.75	0.15	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
tert-Butyl alcohol (TBA)	ND		15	5.3	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
tert-Butylbenzene	ND		0.75	0.19	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Tetrachloroethene	ND		0.75	0.17	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
<b>Toluene</b>	<b>1.1</b>		0.75	0.45	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Trichloroethene	ND		1.5	0.29	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Trichlorofluoromethane	ND		7.5	0.21	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Vinyl acetate	ND		7.5	2.9	ug/Kg		08/09/21 12:15	08/10/21 19:51	1
Vinyl chloride	ND		0.75	0.28	ug/Kg		08/09/21 12:15	08/10/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	127		80 - 142	08/09/21 12:15	08/10/21 19:51	1
4-Bromofluorobenzene (Surr)	98		80 - 120	08/09/21 12:15	08/10/21 19:51	1
Dibromofluoromethane (Surr)	105		80 - 123	08/09/21 12:15	08/10/21 19:51	1
Toluene-d8 (Surr)	99		80 - 120	08/09/21 12:15	08/10/21 19:51	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 20:16	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2-Dibromo-3-Chloropropane	ND		10	6.7	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2-Dichloroethane	ND		1.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,2-Dichloropropane	ND		1.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,3-Dichloropropane	ND		1.0	0.29	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
2-Butanone	ND		20	4.5	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
2-Hexanone	ND		20	3.1	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
<b>Acetone</b>	<b>13</b>	<b>J</b>	20	9.8	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
<b>Benzene</b>	<b>1.1</b>		1.0	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Bromobenzene	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Bromochloromethane	ND		2.0	0.44	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Bromoform	ND		5.0	1.3	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Bromomethane	ND		20	6.5	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
cis-1,3-Dichloropropane	ND		1.0	0.35	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Carbon disulfide	ND		10	0.40	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Chlorobenzene	ND		1.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Chloroform	ND		1.0	0.59	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Chloromethane	ND		20	1.5	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Dibromomethane	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Ethanol	ND		250	66	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
<b>Ethylbenzene</b>	<b>0.45</b>	<b>J</b>	1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Methylene Chloride	ND		10	3.1	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Naphthalene	ND		10	5.2	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
<b>m,p-Xylene</b>	<b>0.50</b>	<b>J</b>	2.0	0.47	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Styrene	ND		1.0	0.70	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
<b>Toluene</b>	<b>1.4</b>		1.0	0.60	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Trichloroethene	ND		2.0	0.38	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Vinyl acetate	ND		10	3.9	ug/Kg		08/09/21 12:15	08/10/21 20:16	1
Vinyl chloride	ND		1.0	0.38	ug/Kg		08/09/21 12:15	08/10/21 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		80 - 142	08/09/21 12:15	08/10/21 20:16	1
4-Bromofluorobenzene (Surr)	96		80 - 120	08/09/21 12:15	08/10/21 20:16	1
Dibromofluoromethane (Surr)	103		80 - 123	08/09/21 12:15	08/10/21 20:16	1
Toluene-d8 (Surr)	99		80 - 120	08/09/21 12:15	08/10/21 20:16	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94	0.27	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1,1-Trichloroethane	ND		0.94	0.22	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.51	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4	0.44	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1,2-Trichloroethane	ND		0.94	0.44	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1-Dichloroethane	ND		0.94	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1-Dichloroethene	ND		0.94	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2,3-Trichlorobenzene	ND		1.9	0.94	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2,3-Trichloropropane	ND		1.9	0.39	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2,4-Trimethylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2-Dibromo-3-Chloropropane	ND		9.4	6.4	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2-Dibromoethane	ND		0.94	0.19	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2-Dichlorobenzene	ND		0.94	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2-Dichloroethane	ND		0.94	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,2-Dichloropropane	ND		0.94	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,3,5-Trimethylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,3-Dichlorobenzene	ND		0.94	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,3-Dichloropropane	ND		0.94	0.28	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
1,4-Dichlorobenzene	ND		0.94	0.29	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
2,2-Dichloropropane	ND		4.7	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
2-Butanone	ND		19	4.2	ug/Kg		08/09/21 12:15	08/10/21 20:42	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.94	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
2-Hexanone	ND		19	2.9	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
4-Chlorotoluene	ND		0.94	0.23	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
4-Methyl-2-pentanone	ND		19	2.7	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Acetone	ND		19	9.3	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
<b>Benzene</b>	<b>1.2</b>		0.94	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Bromobenzene	ND		0.94	0.20	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Bromochloromethane	ND		1.9	0.42	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Bromodichloromethane	ND		0.94	0.15	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Bromoform	ND		4.7	1.2	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Bromomethane	ND		19	6.2	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
cis-1,2-Dichloroethene	ND		0.94	0.32	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
cis-1,3-Dichloropropene	ND		0.94	0.33	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Carbon disulfide	ND		9.4	0.38	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Carbon tetrachloride	ND		0.94	0.28	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Chlorobenzene	ND		0.94	0.25	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Chloroethane	ND		1.9	1.4	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Chloroform	ND		0.94	0.55	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Chloromethane	ND		19	1.4	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Dibromomethane	ND		0.94	0.29	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Dichlorodifluoromethane	ND		1.9	0.43	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Di-isopropyl ether (DIPE)	ND		0.94	0.47	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
<b>Ethanol</b>	<b>73 J</b>		240	62	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
<b>Ethylbenzene</b>	<b>0.46 J</b>		0.94	0.19	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.94	0.22	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Isopropylbenzene	ND		0.94	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Methylene Chloride	ND		9.4	2.9	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Naphthalene	ND		9.4	4.9	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
n-Butylbenzene	ND		0.94	0.20	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
N-Propylbenzene	ND		1.9	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
o-Xylene	ND		0.94	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
<b>m,p-Xylene</b>	<b>0.45 J</b>		1.9	0.45	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
p-Isopropyltoluene	ND		0.94	0.66	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
sec-Butylbenzene	ND		0.94	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Styrene	ND		0.94	0.66	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
trans-1,2-Dichloroethene	ND		0.94	0.28	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
trans-1,3-Dichloropropene	ND		1.9	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Tert-amyl-methyl ether (TAME)	ND		0.94	0.18	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
tert-Butyl alcohol (TBA)	ND		19	6.6	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
tert-Butylbenzene	ND		0.94	0.24	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Tetrachloroethene	ND		0.94	0.21	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
<b>Toluene</b>	<b>1.4</b>		0.94	0.56	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Trichloroethene	ND		1.9	0.36	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Trichlorofluoromethane	ND		9.4	0.26	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Vinyl acetate	ND		9.4	3.7	ug/Kg		08/09/21 12:15	08/10/21 20:42	1
Vinyl chloride	ND		0.94	0.36	ug/Kg		08/09/21 12:15	08/10/21 20:42	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	132		80 - 142	08/09/21 12:15	08/10/21 20:42	1
4-Bromofluorobenzene (Surr)	97		80 - 120	08/09/21 12:15	08/10/21 20:42	1
Dibromofluoromethane (Surr)	106		80 - 123	08/09/21 12:15	08/10/21 20:42	1
Toluene-d8 (Surr)	100		80 - 120	08/09/21 12:15	08/10/21 20:42	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.82	0.24	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1,1-Trichloroethane	ND		0.82	0.19	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.45	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.2	0.38	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1,2-Trichloroethane	ND		0.82	0.38	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1-Dichloroethane	ND		0.82	0.23	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1-Dichloroethene	ND		0.82	0.22	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,1-Dichloropropene	ND		1.6	0.32	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2,3-Trichlorobenzene	ND		1.6	0.82	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2,3-Trichloropropane	ND		1.6	0.34	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2,4-Trichlorobenzene	ND		1.6	0.34	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2,4-Trimethylbenzene	ND		1.6	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2-Dibromo-3-Chloropropane	ND		8.2	5.6	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2-Dibromoethane	ND		0.82	0.17	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2-Dichlorobenzene	ND		0.82	0.21	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2-Dichloroethane	ND		0.82	0.23	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,2-Dichloropropane	ND		0.82	0.23	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,3,5-Trimethylbenzene	ND		1.6	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,3-Dichlorobenzene	ND		0.82	0.21	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,3-Dichloropropane	ND		0.82	0.24	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
1,4-Dichlorobenzene	ND		0.82	0.25	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
2,2-Dichloropropane	ND		4.1	0.22	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
2-Butanone	ND		16	3.7	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
2-Chlorotoluene	ND		0.82	0.21	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
2-Hexanone	ND		16	2.5	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
4-Chlorotoluene	ND		0.82	0.20	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
4-Methyl-2-pentanone	ND		16	2.4	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
<b>Acetone</b>	<b>9.7</b>	<b>J</b>	16	8.1	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
<b>Benzene</b>	<b>1.0</b>		0.82	0.21	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Bromobenzene	ND		0.82	0.17	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Bromochloromethane	ND		1.6	0.37	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Bromodichloromethane	ND		0.82	0.13	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Bromoform	ND		4.1	1.1	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Bromomethane	ND		16	5.4	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
cis-1,2-Dichloroethene	ND		0.82	0.28	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
cis-1,3-Dichloropropene	ND		0.82	0.29	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Carbon disulfide	ND		8.2	0.33	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Carbon tetrachloride	ND		0.82	0.25	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Chlorobenzene	ND		0.82	0.22	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Chloroform	ND		0.82	0.48	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Chloromethane	ND		16	1.3	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Dibromochloromethane	ND		1.6	0.22	ug/Kg		08/09/21 12:15	08/10/21 21:07	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.82	0.25	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Dichlorodifluoromethane	ND		1.6	0.37	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Di-isopropyl ether (DIPE)	ND		0.82	0.41	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Ethanol	ND		210	54	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
<b>Ethylbenzene</b>	<b>0.50</b>	<b>J</b>	0.82	0.17	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.82	0.19	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Isopropylbenzene	ND		0.82	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Methylene Chloride	ND		8.2	2.6	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.15	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Naphthalene	ND		8.2	4.3	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
n-Butylbenzene	ND		0.82	0.17	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
N-Propylbenzene	ND		1.6	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
o-Xylene	ND		0.82	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
<b>m,p-Xylene</b>	<b>0.42</b>	<b>J</b>	1.6	0.39	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
p-Isopropyltoluene	ND		0.82	0.58	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
sec-Butylbenzene	ND		0.82	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Styrene	ND		0.82	0.58	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
trans-1,2-Dichloroethene	ND		0.82	0.25	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
trans-1,3-Dichloropropene	ND		1.6	0.23	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Tert-amyl-methyl ether (TAME)	ND		0.82	0.16	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
tert-Butyl alcohol (TBA)	ND		16	5.7	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
tert-Butylbenzene	ND		0.82	0.21	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Tetrachloroethene	ND		0.82	0.18	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
<b>Toluene</b>	<b>1.4</b>		0.82	0.49	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Trichloroethene	ND		1.6	0.32	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Trichlorofluoromethane	ND		8.2	0.22	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Vinyl acetate	ND		8.2	3.2	ug/Kg		08/09/21 12:15	08/10/21 21:07	1
Vinyl chloride	ND		0.82	0.31	ug/Kg		08/09/21 12:15	08/10/21 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	127		80 - 142	08/09/21 12:15	08/10/21 21:07	1
4-Bromofluorobenzene (Surr)	97		80 - 120	08/09/21 12:15	08/10/21 21:07	1
Dibromofluoromethane (Surr)	106		80 - 123	08/09/21 12:15	08/10/21 21:07	1
Toluene-d8 (Surr)	99		80 - 120	08/09/21 12:15	08/10/21 21:07	1

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			08/18/21 05:47	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			08/18/21 05:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			08/18/21 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			08/18/21 05:47	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			08/18/21 05:47	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			08/18/21 05:47	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			08/18/21 05:47	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			08/18/21 05:47	1
1,2,3-Trichlorobenzene	ND		1.0	0.43	ug/L			08/18/21 05:47	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			08/18/21 05:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/L			08/18/21 05:47	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 05:47	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			08/18/21 05:47	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			08/18/21 05:47	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			08/18/21 05:47	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			08/18/21 05:47	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			08/18/21 05:47	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 05:47	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			08/18/21 05:47	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			08/18/21 05:47	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/18/21 05:47	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			08/18/21 05:47	1
2-Butanone	ND		20	3.6	ug/L			08/18/21 05:47	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			08/18/21 05:47	1
2-Hexanone	ND		10	3.1	ug/L			08/18/21 05:47	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			08/18/21 05:47	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			08/18/21 05:47	1
Acetone	ND		20	10	ug/L			08/18/21 05:47	1
Benzene	ND		0.50	0.20	ug/L			08/18/21 05:47	1
Bromobenzene	ND		1.0	0.30	ug/L			08/18/21 05:47	1
Bromochloromethane	ND		2.0	0.30	ug/L			08/18/21 05:47	1
<b>Bromodichloromethane</b>	<b>4.2</b>		1.0	0.28	ug/L			08/18/21 05:47	1
<b>Bromoform</b>	<b>3.1 J</b>		5.0	1.5	ug/L			08/18/21 05:47	1
Bromomethane	ND		25	15	ug/L			08/18/21 05:47	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			08/18/21 05:47	1
cis-1,3-Dichloropropane	ND		0.50	0.23	ug/L			08/18/21 05:47	1
<b>Carbon disulfide</b>	<b>1.6 J</b>		10	0.40	ug/L			08/18/21 05:47	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			08/18/21 05:47	1
Chlorobenzene	ND		1.0	0.21	ug/L			08/18/21 05:47	1
Chloroethane	ND		5.0	2.4	ug/L			08/18/21 05:47	1
<b>Chloroform</b>	<b>4.3</b>		1.0	0.50	ug/L			08/18/21 05:47	1
Chloromethane	ND		10	2.3	ug/L			08/18/21 05:47	1
<b>Dibromochloromethane</b>	<b>4.3</b>		2.0	0.34	ug/L			08/18/21 05:47	1
Dibromomethane	ND		1.0	0.38	ug/L			08/18/21 05:47	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			08/18/21 05:47	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			08/18/21 05:47	1
Ethanol	ND		100	60	ug/L			08/18/21 05:47	1
Ethylbenzene	ND		1.0	0.33	ug/L			08/18/21 05:47	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			08/18/21 05:47	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.37	ug/L			08/18/21 05:47	1
Methylene Chloride	ND		10	4.0	ug/L			08/18/21 05:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			08/18/21 05:47	1
Naphthalene	ND		10	5.0	ug/L			08/18/21 05:47	1
n-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 05:47	1
N-Propylbenzene	ND		1.0	0.41	ug/L			08/18/21 05:47	1
o-Xylene	ND		1.0	0.26	ug/L			08/18/21 05:47	1
m,p-Xylene	ND		2.0	0.48	ug/L			08/18/21 05:47	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			08/18/21 05:47	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 05:47	1
Styrene	ND		1.0	0.38	ug/L			08/18/21 05:47	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			08/18/21 05:47	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			08/18/21 05:47	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			08/18/21 05:47	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			08/18/21 05:47	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			08/18/21 05:47	1
Tetrachloroethene	ND		1.0	0.35	ug/L			08/18/21 05:47	1
<b>Toluene</b>	<b>0.40</b>	<b>J</b>	1.0	0.34	ug/L			08/18/21 05:47	1
Trichloroethene	ND		1.0	0.35	ug/L			08/18/21 05:47	1
Trichlorofluoromethane	ND		10	0.36	ug/L			08/18/21 05:47	1
Vinyl acetate	ND		10	4.6	ug/L			08/18/21 05:47	1
Vinyl chloride	ND		0.50	0.26	ug/L			08/18/21 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 123		08/18/21 05:47	1
4-Bromofluorobenzene (Surr)	90		80 - 120		08/18/21 05:47	1
Dibromofluoromethane (Surr)	101		78 - 120		08/18/21 05:47	1
Toluene-d8 (Surr)	99		80 - 120		08/18/21 05:47	1

**Client Sample ID: TB**  
**Date Collected: 08/06/21 00:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-28**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			08/18/21 02:22	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			08/18/21 02:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			08/18/21 02:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			08/18/21 02:22	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			08/18/21 02:22	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			08/18/21 02:22	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			08/18/21 02:22	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			08/18/21 02:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.43	ug/L			08/18/21 02:22	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			08/18/21 02:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/L			08/18/21 02:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 02:22	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			08/18/21 02:22	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			08/18/21 02:22	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			08/18/21 02:22	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			08/18/21 02:22	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			08/18/21 02:22	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB**  
**Date Collected: 08/06/21 00:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-28**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 02:22	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			08/18/21 02:22	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			08/18/21 02:22	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/18/21 02:22	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			08/18/21 02:22	1
2-Butanone	ND		20	3.6	ug/L			08/18/21 02:22	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			08/18/21 02:22	1
2-Hexanone	ND		10	3.1	ug/L			08/18/21 02:22	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			08/18/21 02:22	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			08/18/21 02:22	1
Acetone	ND		20	10	ug/L			08/18/21 02:22	1
Benzene	ND		0.50	0.20	ug/L			08/18/21 02:22	1
Bromobenzene	ND		1.0	0.30	ug/L			08/18/21 02:22	1
Bromochloromethane	ND		2.0	0.30	ug/L			08/18/21 02:22	1
Bromodichloromethane	ND		1.0	0.28	ug/L			08/18/21 02:22	1
Bromoform	ND		5.0	1.5	ug/L			08/18/21 02:22	1
Bromomethane	ND		25	15	ug/L			08/18/21 02:22	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			08/18/21 02:22	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/18/21 02:22	1
Carbon disulfide	ND		10	0.40	ug/L			08/18/21 02:22	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			08/18/21 02:22	1
Chlorobenzene	ND		1.0	0.21	ug/L			08/18/21 02:22	1
Chloroethane	ND		5.0	2.4	ug/L			08/18/21 02:22	1
Chloroform	ND		1.0	0.50	ug/L			08/18/21 02:22	1
Chloromethane	ND		10	2.3	ug/L			08/18/21 02:22	1
Dibromochloromethane	ND		2.0	0.34	ug/L			08/18/21 02:22	1
Dibromomethane	ND		1.0	0.38	ug/L			08/18/21 02:22	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			08/18/21 02:22	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			08/18/21 02:22	1
Ethanol	ND		100	60	ug/L			08/18/21 02:22	1
Ethylbenzene	ND		1.0	0.33	ug/L			08/18/21 02:22	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			08/18/21 02:22	1
Isopropylbenzene	ND		1.0	0.37	ug/L			08/18/21 02:22	1
Methylene Chloride	ND		10	4.0	ug/L			08/18/21 02:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			08/18/21 02:22	1
Naphthalene	ND		10	5.0	ug/L			08/18/21 02:22	1
n-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 02:22	1
N-Propylbenzene	ND		1.0	0.41	ug/L			08/18/21 02:22	1
o-Xylene	ND		1.0	0.26	ug/L			08/18/21 02:22	1
m,p-Xylene	ND		2.0	0.48	ug/L			08/18/21 02:22	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			08/18/21 02:22	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 02:22	1
Styrene	ND		1.0	0.38	ug/L			08/18/21 02:22	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			08/18/21 02:22	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			08/18/21 02:22	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			08/18/21 02:22	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			08/18/21 02:22	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			08/18/21 02:22	1
Tetrachloroethene	ND		1.0	0.35	ug/L			08/18/21 02:22	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB**  
**Date Collected: 08/06/21 00:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-28**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.34	ug/L			08/18/21 02:22	1
Trichloroethene	ND		1.0	0.35	ug/L			08/18/21 02:22	1
Trichlorofluoromethane	ND		10	0.36	ug/L			08/18/21 02:22	1
Vinyl acetate	ND		10	4.6	ug/L			08/18/21 02:22	1
Vinyl chloride	ND		0.50	0.26	ug/L			08/18/21 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	109		70 - 123		08/18/21 02:22	1
<i>4-Bromofluorobenzene (Surr)</i>	90		80 - 120		08/18/21 02:22	1
<i>Dibromofluoromethane (Surr)</i>	98		78 - 120		08/18/21 02:22	1
<i>Toluene-d8 (Surr)</i>	98		80 - 120		08/18/21 02:22	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.078	0.044	mg/Kg		08/09/21 12:15	08/11/21 10:26	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	58		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 10:26	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.052	J	0.083	0.046	mg/Kg		08/09/21 12:15	08/11/21 10:50	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	82		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 10:50	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.076	J	0.094	0.052	mg/Kg		08/09/21 12:15	08/11/21 11:19	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	80		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 11:19	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.070	0.039	mg/Kg		08/09/21 12:15	08/11/21 11:43	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	61		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 11:43	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.082	0.046	mg/Kg		08/09/21 12:15	08/11/21 12:07	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	75		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 12:07	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.080	0.044	mg/Kg		08/09/21 12:15	08/11/21 12:32	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	70		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 12:32	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC)

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.074	0.041	mg/Kg		08/09/21 12:15	08/11/21 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60		42 - 126				08/09/21 12:15	08/11/21 12:56	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.061	J	0.086	0.048	mg/Kg		08/09/21 12:15	08/11/21 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64		42 - 126				08/09/21 12:15	08/11/21 13:20	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.057	0.031	mg/Kg		08/09/21 12:15	08/11/21 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61		42 - 126				08/09/21 12:15	08/11/21 13:44	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.089	J	0.099	0.055	mg/Kg		08/09/21 12:15	08/11/21 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		42 - 126				08/09/21 12:15	08/11/21 14:08	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.048	J	0.075	0.042	mg/Kg		08/09/21 12:15	08/11/21 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		42 - 126				08/09/21 12:15	08/11/21 15:17	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.047	J	0.079	0.044	mg/Kg		08/09/21 12:15	08/11/21 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		42 - 126				08/09/21 12:15	08/11/21 15:41	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC)

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.078	0.043	mg/Kg		08/09/21 12:15	08/11/21 16:05	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	76		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 16:05	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.071	0.039	mg/Kg		08/09/21 12:15	08/11/21 16:29	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	82		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 16:29	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.094	0.052	mg/Kg		08/09/21 12:15	08/11/21 16:53	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	77		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 16:53	1

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.077	J	0.10	0.057	mg/Kg		08/09/21 12:15	08/11/21 17:17	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	82		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 17:17	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.064	J	0.093	0.051	mg/Kg		08/09/21 12:15	08/11/21 11:24	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 11:24	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.045	J	0.077	0.043	mg/Kg		08/09/21 12:15	08/11/21 11:48	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		42 - 126						
							Prepared	Analyzed	Dil Fac
							08/09/21 12:15	08/11/21 11:48	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.063	J	0.082	0.046	mg/Kg		08/09/21 12:15	08/11/21 12:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		42 - 126				08/09/21 12:15	08/11/21 12:11	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.067	J	0.095	0.053	mg/Kg		08/09/21 12:15	08/11/21 12:35	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	92		42 - 126				08/09/21 12:15	08/11/21 12:35	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.051	J	0.074	0.041	mg/Kg		08/09/21 12:15	08/11/21 12:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	93		42 - 126				08/09/21 12:15	08/11/21 12:59	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.053	J	0.087	0.048	mg/Kg		08/09/21 12:15	08/11/21 13:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		42 - 126				08/09/21 12:15	08/11/21 13:23	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.062	J	0.093	0.052	mg/Kg		08/09/21 12:15	08/11/21 13:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	92		42 - 126				08/09/21 12:15	08/11/21 13:47	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.061	J	0.090	0.050	mg/Kg		08/09/21 12:15	08/11/21 14:11	1

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC) (Continued)

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>			<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
4-Bromofluorobenzene (Surr)	82		42 - 126			08/09/21 12:15	08/11/21 14:11	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Gasoline Range Organics (C4-C12)	0.061	J	0.084	0.047	mg/Kg		08/09/21 12:15	08/11/21 14:35	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>			<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
4-Bromofluorobenzene (Surr)	103		42 - 126			08/09/21 12:15	08/11/21 14:35	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Gasoline Range Organics (C4-C12)	0.074	J	0.094	0.052	mg/Kg		08/09/21 12:15	08/11/21 14:59	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>			<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
4-Bromofluorobenzene (Surr)	99		42 - 126			08/09/21 12:15	08/11/21 14:59	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Gasoline Range Organics (C4-C12)	ND		50	30	ug/L			08/11/21 03:19	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
4-Bromofluorobenzene (Surr)	70		38 - 134		08/11/21 03:19	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.9	mg/Kg		08/18/21 18:23	08/19/21 11:31	1
ORO (C23-C44)	ND		5.0	3.9	mg/Kg		08/18/21 18:23	08/19/21 11:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	116		60 - 138				08/18/21 18:23	08/19/21 11:31	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	70		4.9	3.7	mg/Kg		08/18/21 18:23	08/19/21 11:53	1
ORO (C23-C44)	240		4.9	3.7	mg/Kg		08/18/21 18:23	08/19/21 11:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	113		60 - 138				08/18/21 18:23	08/19/21 11:53	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.3	4.1	mg/Kg		08/18/21 18:23	08/19/21 12:15	1
ORO (C23-C44)	ND		5.3	4.1	mg/Kg		08/18/21 18:23	08/19/21 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	118		60 - 138				08/18/21 18:23	08/19/21 12:15	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		08/18/21 18:23	08/19/21 12:37	1
ORO (C23-C44)	ND		4.9	3.8	mg/Kg		08/18/21 18:23	08/19/21 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	111		60 - 138				08/18/21 18:23	08/19/21 12:37	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		08/18/21 18:23	08/19/21 12:59	1
ORO (C23-C44)	37		5.1	3.9	mg/Kg		08/18/21 18:23	08/19/21 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	114		60 - 138				08/18/21 18:23	08/19/21 12:59	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	5.9		4.8	3.7	mg/Kg		08/18/21 18:23	08/19/21 13:21	1
ORO (C23-C44)	30		4.8	3.7	mg/Kg		08/18/21 18:23	08/19/21 13:21	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	117		60 - 138	08/18/21 18:23	08/19/21 13:21	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.7	3.6	mg/Kg	-	08/18/21 18:23	08/19/21 13:43	1
ORO (C23-C44)	ND		4.7	3.6	mg/Kg	-	08/18/21 18:23	08/19/21 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	116		60 - 138	08/18/21 18:23	08/19/21 13:43	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg	-	08/18/21 18:23	08/19/21 14:05	1
ORO (C23-C44)	ND		4.8	3.7	mg/Kg	-	08/18/21 18:23	08/19/21 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	112		60 - 138	08/18/21 18:23	08/19/21 14:05	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg	-	08/18/21 18:23	08/19/21 14:27	1
ORO (C23-C44)	ND		4.8	3.7	mg/Kg	-	08/18/21 18:23	08/19/21 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	118		60 - 138	08/18/21 18:23	08/19/21 14:27	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>TPH as Diesel (C13-C22)</b>	<b>59</b>		4.9	3.8	mg/Kg	-	08/18/21 18:23	08/19/21 14:49	1
<b>ORO (C23-C44)</b>	<b>210</b>		4.9	3.8	mg/Kg	-	08/18/21 18:23	08/19/21 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	118		60 - 138	08/18/21 18:23	08/19/21 14:49	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg	-	08/19/21 12:52	08/20/21 03:26	1
ORO (C23-C44)	ND		5.2	4.0	mg/Kg	-	08/19/21 12:52	08/20/21 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	95		60 - 138	08/19/21 12:52	08/20/21 03:26	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.9	mg/Kg		08/19/21 12:52	08/20/21 03:49	1
ORO (C23-C44)	ND		5.0	3.9	mg/Kg		08/19/21 12:52	08/20/21 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	98		60 - 138				08/19/21 12:52	08/20/21 03:49	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 04:10	1
ORO (C23-C44)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	93		60 - 138				08/19/21 12:52	08/20/21 04:10	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	22		5.0	3.8	mg/Kg		08/19/21 12:52	08/20/21 04:32	1
ORO (C23-C44)	170		5.0	3.8	mg/Kg		08/19/21 12:52	08/20/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	105		60 - 138				08/19/21 12:52	08/20/21 04:32	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		08/19/21 12:52	08/20/21 04:54	1
ORO (C23-C44)	ND		4.8	3.7	mg/Kg		08/19/21 12:52	08/20/21 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	96		60 - 138				08/19/21 12:52	08/20/21 04:54	1

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		08/19/21 12:52	08/20/21 05:15	1
ORO (C23-C44)	ND		5.1	3.9	mg/Kg		08/19/21 12:52	08/20/21 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	102		60 - 138				08/19/21 12:52	08/20/21 05:15	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.3	4.0	mg/Kg		08/19/21 12:52	08/20/21 05:37	1
ORO (C23-C44)	ND		5.3	4.0	mg/Kg		08/19/21 12:52	08/20/21 05:37	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	95		60 - 138	08/19/21 12:52	08/20/21 05:37	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 05:58	1
ORO (C23-C44)	ND		4.9	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 05:58	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	103		60 - 138	08/19/21 12:52	08/20/21 05:58	1

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
TPH as Diesel (C13-C22)	ND		4.7	3.6	mg/Kg	-	08/19/21 12:52	08/20/21 06:21	1
ORO (C23-C44)	ND		4.7	3.6	mg/Kg	-	08/19/21 12:52	08/20/21 06:21	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	102		60 - 138	08/19/21 12:52	08/20/21 06:21	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
TPH as Diesel (C13-C22)	ND		5.0	3.9	mg/Kg	-	08/19/21 12:52	08/20/21 06:42	1
ORO (C23-C44)	ND		5.0	3.9	mg/Kg	-	08/19/21 12:52	08/20/21 06:42	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	97		60 - 138	08/19/21 12:52	08/20/21 06:42	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 07:03	1
ORO (C23-C44)	ND		5.0	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 07:03	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	96		60 - 138	08/19/21 12:52	08/20/21 07:03	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 07:25	1
ORO (C23-C44)	ND		5.0	3.8	mg/Kg	-	08/19/21 12:52	08/20/21 07:25	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
<i>n</i> -Octacosane (Surr)	99		60 - 138	08/19/21 12:52	08/20/21 07:25	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 07:46	1
<b>ORO (C23-C44)</b>	<b>4.7</b>	<b>J</b>	5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 07:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	100		60 - 138				08/19/21 12:52	08/20/21 07:46	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 08:07	1
ORO (C23-C44)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 08:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	97		60 - 138				08/19/21 12:52	08/20/21 08:07	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		08/19/21 12:52	08/20/21 08:29	1
ORO (C23-C44)	ND		4.9	3.8	mg/Kg		08/19/21 12:52	08/20/21 08:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	96		60 - 138				08/19/21 12:52	08/20/21 08:29	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 08:51	1
ORO (C23-C44)	ND		5.2	4.0	mg/Kg		08/19/21 12:52	08/20/21 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	99		60 - 138				08/19/21 12:52	08/20/21 08:51	1

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		52	37	ug/L		08/12/21 17:33	08/15/21 11:58	1
ORO (C23-C44)	ND		52	37	ug/L		08/12/21 17:33	08/15/21 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	103		53 - 151				08/12/21 17:33	08/15/21 11:58	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.98	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Aldrin	ND		4.9	0.72	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endrin aldehyde	ND		4.9	1.8	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
gamma-BHC	ND		4.9	0.62	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Heptachlor	ND		4.9	0.88	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:04	08/11/21 14:24	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:04	08/11/21 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		38 - 148	08/10/21 13:04	08/11/21 14:24	1
DCB Decachlorobiphenyl (Surr)	77		37 - 151	08/10/21 13:04	08/11/21 14:24	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 10:22	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 10:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		38 - 148				08/10/21 13:04	08/11/21 10:22	1
DCB Decachlorobiphenyl (Surr)	76		37 - 151				08/10/21 13:04	08/11/21 10:22	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		38 - 148				08/10/21 13:04	08/11/21 14:39	1
DCB Decachlorobiphenyl (Surr)	82		37 - 151				08/10/21 13:04	08/11/21 14:39	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:04	08/11/21 14:53	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 14:53	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	79		38 - 148				08/10/21 13:04	08/11/21 14:53	1
DCB Decachlorobiphenyl (Surr)	79		37 - 151				08/10/21 13:04	08/11/21 14:53	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
<b>4,4'-DDE</b>	<b>4.0</b>	<b>J</b>	5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 10:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	66		38 - 148				08/10/21 13:04	08/11/21 10:50	1
DCB Decachlorobiphenyl (Surr)	66		37 - 151				08/10/21 13:04	08/11/21 10:50	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:04	08/11/21 10:36	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		38 - 148	08/10/21 13:04	08/11/21 10:36	1
DCB Decachlorobiphenyl (Surr)	80		37 - 151	08/10/21 13:04	08/11/21 10:36	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 15:07	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	78		38 - 148				08/10/21 13:04	08/11/21 15:07	1
<i>DCB Decachlorobiphenyl (Surr)</i>	82		37 - 151				08/10/21 13:04	08/11/21 15:07	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	81		38 - 148				08/10/21 13:04	08/11/21 15:22	1
<i>DCB Decachlorobiphenyl (Surr)</i>	82		37 - 151				08/10/21 13:04	08/11/21 15:22	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
4,4'-DDT	ND		5.0	0.93	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:04	08/11/21 15:36	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 15:36	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>Tetrachloro-m-xylene</i>	76		38 - 148				08/10/21 13:04	08/11/21 15:36	1
<i>DCB Decachlorobiphenyl (Surr)</i>	82		37 - 151				08/10/21 13:04	08/11/21 15:36	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.98	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Aldrin	ND		4.9	0.72	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endrin aldehyde	ND		4.9	1.7	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
gamma-BHC	ND		4.9	0.62	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Heptachlor	ND		4.9	0.88	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:04	08/11/21 11:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>Tetrachloro-m-xylene</i>	64		38 - 148				08/10/21 13:04	08/11/21 11:05	1
<i>DCB Decachlorobiphenyl (Surr)</i>	72		37 - 151				08/10/21 13:04	08/11/21 11:05	1

Eurofins Calscience LLC



# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.97	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Aldrin	ND		4.9	0.71	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endrin aldehyde	ND		4.9	1.7	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
gamma-BHC	ND		4.9	0.61	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Heptachlor	ND		4.9	0.87	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:04	08/11/21 15:50	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:04	08/11/21 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		38 - 148	08/10/21 13:04	08/11/21 15:50	1
DCB Decachlorobiphenyl (Surr)	82		37 - 151	08/10/21 13:04	08/11/21 15:50	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:04	08/11/21 16:47	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		38 - 148				08/10/21 13:04	08/11/21 16:47	1
DCB Decachlorobiphenyl (Surr)	90		37 - 151				08/10/21 13:04	08/11/21 16:47	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		38 - 148				08/10/21 13:09	08/11/21 19:19	1
DCB Decachlorobiphenyl (Surr)	84		37 - 151				08/10/21 13:09	08/11/21 19:19	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
4,4'-DDT	ND		5.0	0.93	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 19:33	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 19:33	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	81		38 - 148				08/10/21 13:09	08/11/21 19:33	1
DCB Decachlorobiphenyl (Surr)	91		37 - 151				08/10/21 13:09	08/11/21 19:33	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 20:02	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	75		38 - 148				08/10/21 13:09	08/11/21 20:02	1
DCB Decachlorobiphenyl (Surr)	73		37 - 151				08/10/21 13:09	08/11/21 20:02	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:09	08/11/21 20:16	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		38 - 148	08/10/21 13:09	08/11/21 20:16	1
DCB Decachlorobiphenyl (Surr)	85		37 - 151	08/10/21 13:09	08/11/21 20:16	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 20:30	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 20:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		38 - 148				08/10/21 13:09	08/11/21 20:30	1
DCB Decachlorobiphenyl (Surr)	86		37 - 151				08/10/21 13:09	08/11/21 20:30	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		38 - 148				08/10/21 13:09	08/11/21 19:48	1
DCB Decachlorobiphenyl (Surr)	84		37 - 151				08/10/21 13:09	08/11/21 19:48	1

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:09	08/11/21 20:44	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 20:44	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	75		38 - 148				08/10/21 13:09	08/11/21 20:44	1
DCB Decachlorobiphenyl (Surr)	75		37 - 151				08/10/21 13:09	08/11/21 20:44	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 22:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	81		38 - 148				08/10/21 13:09	08/11/21 22:39	1
DCB Decachlorobiphenyl (Surr)	80		37 - 151				08/10/21 13:09	08/11/21 22:39	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:09	08/11/21 20:59	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		38 - 148	08/10/21 13:09	08/11/21 20:59	1
DCB Decachlorobiphenyl (Surr)	81		37 - 151	08/10/21 13:09	08/11/21 20:59	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.98	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Aldrin	ND		4.9	0.72	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endrin aldehyde	ND		4.9	1.8	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
gamma-BHC	ND		4.9	0.62	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Heptachlor	ND		4.9	0.88	ug/Kg		08/10/21 13:09	08/11/21 21:13	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:09	08/11/21 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		38 - 148				08/10/21 13:09	08/11/21 21:13	1
DCB Decachlorobiphenyl (Surr)	72		37 - 151				08/10/21 13:09	08/11/21 21:13	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.97	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Aldrin	ND		4.9	0.71	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endrin aldehyde	ND		4.9	1.7	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
gamma-BHC	ND		4.9	0.61	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Heptachlor	ND		4.9	0.87	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:09	08/11/21 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		38 - 148				08/10/21 13:09	08/11/21 21:27	1
DCB Decachlorobiphenyl (Surr)	81		37 - 151				08/10/21 13:09	08/11/21 21:27	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 21:41	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 21:41	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>Tetrachloro-m-xylene</i>	84		38 - 148				08/10/21 13:09	08/11/21 21:41	1
<i>DCB Decachlorobiphenyl (Surr)</i>	81		37 - 151				08/10/21 13:09	08/11/21 21:41	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	0.98	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
4,4'-DDE	ND		4.9	0.53	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
4,4'-DDT	ND		4.9	0.93	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Aldrin	ND		4.9	0.72	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
alpha-BHC	ND		4.9	3.0	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
alpha-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
beta-BHC	ND		4.9	3.6	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
delta-BHC	ND		4.9	1.6	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Dieldrin	ND		4.9	0.25	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endosulfan I	ND		4.9	1.1	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endosulfan II	ND		4.9	0.30	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endosulfan sulfate	ND		4.9	0.40	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endrin	ND		4.9	0.33	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endrin aldehyde	ND		4.9	1.8	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Endrin ketone	ND		4.9	0.47	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
gamma-Chlordane	ND		4.9	1.3	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
gamma-BHC	ND		4.9	0.62	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Heptachlor	ND		4.9	0.88	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Heptachlor epoxide	ND		4.9	0.66	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Methoxychlor	ND		4.9	0.80	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
Toxaphene	ND		25	19	ug/Kg		08/10/21 13:09	08/11/21 21:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>Tetrachloro-m-xylene</i>	87		38 - 148				08/10/21 13:09	08/11/21 21:56	1
<i>DCB Decachlorobiphenyl (Surr)</i>	88		37 - 151				08/10/21 13:09	08/11/21 21:56	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
4,4'-DDE	ND		5.0	0.53	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
beta-BHC	ND		5.0	3.6	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Chlordane	ND		25	2.3	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endosulfan II	ND		5.0	0.30	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Heptachlor epoxide	ND		5.0	0.66	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Methoxychlor	ND		5.0	0.80	ug/Kg		08/10/21 13:09	08/11/21 22:10	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		38 - 148	08/10/21 13:09	08/11/21 22:10	1
DCB Decachlorobiphenyl (Surr)	89		37 - 151	08/10/21 13:09	08/11/21 22:10	1

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.049	0.013	ug/L		08/12/21 08:51	08/13/21 09:57	1
4,4'-DDE	ND	*1	0.020	0.0083	ug/L		08/12/21 08:51	08/13/21 09:57	1
4,4'-DDT	ND	*1	0.049	0.025	ug/L		08/12/21 08:51	08/13/21 09:57	1
Aldrin	ND	*1	0.049	0.011	ug/L		08/12/21 08:51	08/13/21 09:57	1
alpha-BHC	ND	*1	0.020	0.0093	ug/L		08/12/21 08:51	08/13/21 09:57	1
alpha-Chlordane	ND	*1	0.020	0.0074	ug/L		08/12/21 08:51	08/13/21 09:57	1
beta-BHC	ND	*1	0.020	0.0074	ug/L		08/12/21 08:51	08/13/21 09:57	1
Chlordane	ND		0.098	0.036	ug/L		08/12/21 08:51	08/13/21 09:57	1
delta-BHC	ND		0.020	0.0074	ug/L		08/12/21 08:51	08/13/21 09:57	1
Dieldrin	ND	*1	0.049	0.011	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endosulfan I	0.033	J *1	0.049	0.012	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endosulfan II	ND	*1	0.049	0.010	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endosulfan sulfate	ND	*1	0.049	0.013	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endrin	ND		0.020	0.0098	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endrin aldehyde	ND	*1	0.098	0.031	ug/L		08/12/21 08:51	08/13/21 09:57	1
Endrin ketone	ND	*1	0.049	0.012	ug/L		08/12/21 08:51	08/13/21 09:57	1
gamma-Chlordane	ND	*1	0.049	0.014	ug/L		08/12/21 08:51	08/13/21 09:57	1
gamma-BHC	ND	*1	0.020	0.0069	ug/L		08/12/21 08:51	08/13/21 09:57	1
Heptachlor	ND	*1	0.020	0.0074	ug/L		08/12/21 08:51	08/13/21 09:57	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.020	0.0078	ug/L		08/12/21 08:51	08/13/21 09:57	1
Methoxychlor	ND		0.049	0.019	ug/L		08/12/21 08:51	08/13/21 09:57	1
Toxaphene	ND		0.29	0.14	ug/L		08/12/21 08:51	08/13/21 09:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		49 - 132	08/12/21 08:51	08/13/21 09:57	1
DCB Decachlorobiphenyl (Surr)	59		10 - 142	08/12/21 08:51	08/13/21 09:57	1

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.51	0.18	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Bolstar	ND		0.51	0.25	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Chlorpyrifos	ND		0.51	0.12	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Coumaphos	ND		0.51	0.20	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Demeton-o/s	ND		1.0	0.28	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Diazinon	ND		0.51	0.10	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Dichlorvos	ND		0.51	0.11	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Disulfoton	ND		0.51	0.12	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Ethoprop	ND		0.51	0.11	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Fensulfothion	ND		0.51	0.18	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Fenthion	ND		0.51	0.14	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Merphos	ND		0.51	0.22	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Methyl parathion	ND		0.51	0.25	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Mevinphos	ND		0.51	0.10	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Naled	ND	*+ F1	4.0	0.41	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Phorate	ND		0.51	0.13	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Ronnel	ND		0.51	0.14	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Tokuthion	ND		0.51	0.13	mg/Kg		08/09/21 14:28	08/12/21 22:40	1
Trichloronate	ND		0.51	0.12	mg/Kg		08/09/21 14:28	08/12/21 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	84		20 - 158	08/09/21 14:28	08/12/21 22:40	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Bolstar	ND		0.50	0.25	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Chlorpyrifos	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Coumaphos	ND		0.50	0.20	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Demeton-o/s	ND		1.0	0.27	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Diazinon	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Dichlorvos	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Disulfoton	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Ethoprop	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Fensulfothion	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Fenthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Merphos	ND		0.50	0.22	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Methyl parathion	ND		0.50	0.25	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Mevinphos	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Naled	ND	*+	4.0	0.41	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Phorate	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Ronnel	ND		0.50	0.14	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Tokuthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 23:28	1
Trichloronate	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 23:28	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	78		20 - 158	08/09/21 14:28	08/12/21 23:28	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.51	0.18	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Bolstar	ND		0.51	0.25	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Chlorpyrifos	ND		0.51	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Coumaphos	ND		0.51	0.20	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Demeton-o/s	ND		1.0	0.28	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Diazinon	ND		0.51	0.10	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Dichlorvos	ND		0.51	0.11	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Disulfoton	ND		0.51	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Ethoprop	ND		0.51	0.11	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Fensulfothion	ND		0.51	0.18	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Fenthion	ND		0.51	0.14	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Merphos	ND		0.51	0.22	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Methyl parathion	ND		0.51	0.25	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Mevinphos	ND		0.51	0.11	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Naled	ND	*+	4.1	0.42	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Phorate	ND		0.51	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Ronnel	ND		0.51	0.14	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Stirophos	ND		2.0	0.15	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Tokuthion	ND		0.51	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:03	1
Trichloronate	ND		0.51	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	84		20 - 158	08/09/21 14:28	08/13/21 01:03	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:51	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 01:51	1
Surrogate	%Recovery	Qualifier	Limits						
Tributylphosphate	75		20 - 158						
							Prepared	Analyzed	Dil Fac
							08/09/21 14:28	08/13/21 01:51	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Bolstar	ND		0.50	0.24	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Chlorpyrifos	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Coumaphos	ND		0.50	0.19	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Diazinon	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Dichlorvos	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Disulfoton	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Ethoprop	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Fensulfothion	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Fenthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Merphos	ND		0.50	0.22	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Methyl parathion	ND		0.50	0.24	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Mevinphos	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Naled	ND	+	4.0	0.41	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Phorate	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Ronnel	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Tokuthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Trichloronate	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/13/21 02:38	1
Surrogate	%Recovery	Qualifier	Limits						
Tributylphosphate	79		20 - 158						
							Prepared	Analyzed	Dil Fac
							08/09/21 14:28	08/13/21 02:38	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 03:26	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 03:26	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	77		20 - 158	08/09/21 14:28	08/13/21 03:26	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Tokuthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 04:13	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	78		20 - 158	08/09/21 14:28	08/13/21 04:13	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Diazinon	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 05:01	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Naled	ND	*+	4.0	0.41	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Tokuthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:01	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	85		20 - 158	08/09/21 14:28	08/13/21 05:01	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:49	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	81		20 - 158	08/09/21 14:28	08/13/21 05:49	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 06:36	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 06:36	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	59		20 - 158	08/09/21 14:28	08/13/21 06:36	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 07:24	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	80		20 - 158	08/09/21 14:28	08/13/21 07:24	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC)

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/13/21 08:12	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/13/21 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	79		20 - 158	08/09/21 14:28	08/13/21 08:12	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Demeton-o/s	ND		0.97	0.27	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Stirophos	ND		1.9	0.14	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 08:41	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 08:41	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	102		20 - 158	08/09/21 14:28	08/15/21 08:41	1

Client Sample ID: B4-0.5DUP  
Date Collected: 08/06/21 08:51  
Date Received: 08/06/21 15:07

Lab Sample ID: 570-66529-14  
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 09:29	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 09:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	87		20 - 158	08/09/21 14:28	08/15/21 09:29	1

Client Sample ID: B4-5.0  
Date Collected: 08/06/21 08:55  
Date Received: 08/06/21 15:07

Lab Sample ID: 570-66529-15  
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 10:16	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 10:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tributylphosphate	88		20 - 158				08/09/21 14:28	08/15/21 10:16	1

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tributylphosphate	80		20 - 158				08/09/21 14:28	08/15/21 11:04	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 11:52	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 11:52	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	85		20 - 158	08/09/21 14:28	08/15/21 11:52	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 12:39	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	97		20 - 158	08/09/21 14:28	08/15/21 12:39	1

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 13:27	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Naled	ND	*+	4.0	0.41	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Tokuthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 13:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tributylphosphate	92		20 - 158				08/09/21 14:28	08/15/21 13:27	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:28	08/15/21 14:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tributylphosphate	66		20 - 158				08/09/21 14:28	08/15/21 14:15	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 17:07	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Naled	ND	*+ F1	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:07	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	87		20 - 158	08/09/21 14:30	08/12/21 17:07	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:55	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	80		20 - 158	08/09/21 14:30	08/12/21 17:55	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC)

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 18:42	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	81		20 - 158	08/09/21 14:30	08/12/21 18:42	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Demeton-o/s	ND		0.97	0.27	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Diazinon	ND		0.49	0.098	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Naled	ND	*+	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Stirophos	ND		1.9	0.14	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 19:30	1
Trichloronate	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 19:30	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	91		20 - 158	08/09/21 14:30	08/12/21 19:30	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Demeton-o/s	ND		0.99	0.27	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Tokuthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 20:18	1
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	64		20 - 158	08/09/21 14:30	08/12/21 20:18	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Bolstar	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Chlorpyrifos	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Coumaphos	ND		0.49	0.19	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Demeton-o/s	ND		0.98	0.27	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Diazinon	ND		0.49	0.099	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Dichlorvos	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Disulfoton	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Ethoprop	ND		0.49	0.11	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Fensulfothion	ND		0.49	0.18	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Fenthion	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Merphos	ND		0.49	0.21	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Methyl parathion	ND		0.49	0.24	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Mevinphos	ND		0.49	0.10	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Naled	ND	+	3.9	0.40	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Phorate	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Ronnel	ND		0.49	0.13	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Tokuthion	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 21:05	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloronate	ND		0.49	0.12	mg/Kg		08/09/21 14:30	08/12/21 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tributylphosphate	79		20 - 158				08/09/21 14:30	08/12/21 21:05	1

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.0049	0.0017	mg/L		08/11/21 14:07	08/15/21 07:54	1
Bolstar	ND		0.0049	0.0015	mg/L		08/11/21 14:07	08/15/21 07:54	1
Chlorpyrifos	ND		0.0049	0.0019	mg/L		08/11/21 14:07	08/15/21 07:54	1
Coumaphos	ND		0.0049	0.0017	mg/L		08/11/21 14:07	08/15/21 07:54	1
Demeton-o/s	ND		0.0098	0.0023	mg/L		08/11/21 14:07	08/15/21 07:54	1
Diazinon	ND		0.0049	0.0019	mg/L		08/11/21 14:07	08/15/21 07:54	1
Dichlorvos	ND		0.0049	0.0019	mg/L		08/11/21 14:07	08/15/21 07:54	1
Disulfoton	ND		0.0098	0.0015	mg/L		08/11/21 14:07	08/15/21 07:54	1
Ethoprop	ND		0.0049	0.0015	mg/L		08/11/21 14:07	08/15/21 07:54	1
Fensulfothion	ND		0.0049	0.0015	mg/L		08/11/21 14:07	08/15/21 07:54	1
Fenthion	ND		0.0049	0.0014	mg/L		08/11/21 14:07	08/15/21 07:54	1
Merphos	ND		0.0049	0.0019	mg/L		08/11/21 14:07	08/15/21 07:54	1
Methyl parathion	ND		0.0049	0.0014	mg/L		08/11/21 14:07	08/15/21 07:54	1
Mevinphos	ND		0.0049	0.0012	mg/L		08/11/21 14:07	08/15/21 07:54	1
Naled	ND	*+	0.039	0.014	mg/L		08/11/21 14:07	08/15/21 07:54	1
Phorate	ND		0.0049	0.0023	mg/L		08/11/21 14:07	08/15/21 07:54	1
Ronnel	ND		0.0049	0.0010	mg/L		08/11/21 14:07	08/15/21 07:54	1
Stirophos	ND		0.020	0.0010	mg/L		08/11/21 14:07	08/15/21 07:54	1
Tokuthion	ND		0.0049	0.0013	mg/L		08/11/21 14:07	08/15/21 07:54	1
Trichloronate	ND		0.0049	0.0012	mg/L		08/11/21 14:07	08/15/21 07:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tributylphosphate	86		30 - 151				08/11/21 14:07	08/15/21 07:54	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
2,4-D	ND		100	49	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
2,4-DB	ND		100	47	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
Dalapon	ND		250	73	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
Dicamba	ND		10	4.8	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
Dichlorprop	ND		100	50	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
Dinoseb	ND	F2 *1	100	19	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
MCPA	ND		20000	11000	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
MCPP	ND		10000	6700	ug/Kg		08/11/21 19:05	08/20/21 05:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	76		20 - 163				08/11/21 19:05	08/20/21 05:11	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.6	3.6	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
2,4,5-TP (Silvex)	ND		9.6	3.5	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
2,4-D	ND		96	47	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
2,4-DB	ND		96	45	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
Dalapon	ND		240	70	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
Dicamba	ND		9.6	4.6	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
Dichlorprop	ND		96	47	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
Dinoseb	ND		96	18	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
MCPA	ND		19000	10000	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
MCPP	ND		9600	6400	ug/Kg		08/11/21 19:05	08/20/21 05:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	76		20 - 163				08/11/21 19:05	08/20/21 05:34	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
2,4-D	ND		100	49	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
2,4-DB	ND		100	47	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
Dalapon	ND		250	74	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
Dicamba	ND		10	4.8	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
Dichlorprop	ND		100	50	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
Dinoseb	ND		100	19	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
MCPA	ND		20000	11000	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
MCPP	ND		10000	6700	ug/Kg		08/11/21 19:05	08/20/21 06:20	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	91		20 - 163				08/11/21 19:05	08/20/21 06:20	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.8	3.6	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
2,4,5-TP (Silvex)	ND		9.8	3.6	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
2,4-D	ND		98	48	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
2,4-DB	ND		98	46	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
Dalapon	ND		240	71	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
Dicamba	ND		9.8	4.6	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
Dichlorprop	ND		98	48	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
Dinoseb	ND		98	19	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
MCPA	ND		20000	10000	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
MCPP	ND		9800	6500	ug/Kg		08/11/21 19:05	08/20/21 06:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	69		20 - 163				08/11/21 19:05	08/20/21 06:43	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
2,4-D	ND		100	49	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
2,4-DB	ND		100	47	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
Dalapon	ND		250	73	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
Dicamba	ND		10	4.8	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
Dichlorprop	ND		100	50	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
Dinoseb	ND		100	19	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
MCPA	ND		20000	11000	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
MCPP	ND		10000	6700	ug/Kg		08/11/21 19:05	08/20/21 07:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	103		20 - 163				08/11/21 19:05	08/20/21 07:06	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.9	3.7	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
2,4,5-TP (Silvex)	ND		9.9	3.6	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
2,4-D	ND		99	48	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
2,4-DB	ND		99	46	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
Dalapon	ND		250	72	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
Dicamba	ND		9.9	4.7	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
Dichlorprop	ND		99	49	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
Dinoseb	ND		99	19	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
MCPA	ND		20000	10000	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
MCPP	ND		9900	6500	ug/Kg		08/11/21 19:05	08/20/21 07:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	103		20 - 163				08/11/21 19:05	08/20/21 07:29	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.8	3.6	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
2,4,5-TP (Silvex)	ND		9.8	3.6	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
2,4-D	ND		98	48	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
2,4-DB	ND		98	46	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
Dalapon	ND		250	71	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
Dicamba	ND		9.8	4.7	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
Dichlorprop	ND		98	49	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
Dinoseb	ND	*1	98	19	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
MCPA	ND		20000	10000	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
MCPD	ND		9800	6500	ug/Kg		08/18/21 15:41	08/24/21 19:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	81		20 - 163				08/18/21 15:41	08/24/21 19:15	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
2,4-D	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
2,4-DB	ND		100	47	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
Dalapon	ND		250	73	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
Dicamba	ND		10	4.8	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
Dichlorprop	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
Dinoseb	ND	*1	100	19	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
MCPA	ND		20000	11000	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
MCPD	ND		10000	6700	ug/Kg		08/18/21 15:41	08/24/21 19:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	81		20 - 163				08/18/21 15:41	08/24/21 19:39	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.9	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
2,4-D	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
2,4-DB	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
Dalapon	ND		260	76	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
Dichlorprop	ND		100	52	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
MCPD	ND		10000	6900	ug/Kg		08/18/21 15:41	08/24/21 20:02	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	155		20 - 163				08/18/21 15:41	08/24/21 20:02	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
2,4-D	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
2,4-DB	ND		100	47	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
Dalapon	ND		250	73	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
Dicamba	ND		10	4.8	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
Dichlorprop	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
Dinoseb	ND	*1	100	19	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
MCPA	ND		20000	11000	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
MCPD	ND		10000	6700	ug/Kg		08/18/21 15:41	08/24/21 20:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	109		20 - 163				08/18/21 15:41	08/24/21 20:25	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
Dalapon	ND		260	75	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
MCPD	ND		10000	6800	ug/Kg		08/18/21 15:41	08/24/21 20:48	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	113		20 - 163				08/18/21 15:41	08/24/21 20:48	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
Dalapon	ND		260	75	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
MCPD	ND		10000	6800	ug/Kg		08/18/21 15:41	08/24/21 21:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	117		20 - 163				08/18/21 15:41	08/24/21 21:11	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
Dalapon	ND		260	74	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
MCPP	ND		10000	6800	ug/Kg		08/18/21 15:41	08/24/21 21:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	100		20 - 163				08/18/21 15:41	08/24/21 21:34	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
Dalapon	ND		260	75	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
MCPP	ND		10000	6800	ug/Kg		08/18/21 15:41	08/24/21 21:57	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	143		20 - 163				08/18/21 15:41	08/24/21 21:57	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.9	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
2,4-D	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
2,4-DB	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
Dalapon	ND		260	76	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
MCPP	ND		10000	6900	ug/Kg		08/18/21 15:41	08/24/21 22:20	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	69		20 - 163				08/18/21 15:41	08/24/21 22:20	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		11	3.9	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
2,4,5-TP (Silvex)	ND		11	3.8	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
2,4-D	ND		110	51	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
2,4-DB	ND		110	49	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
Dalapon	ND		260	76	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
Dicamba	ND		11	5.0	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
Dichlorprop	ND		110	52	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
Dinoseb	ND	*1	110	20	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
MCPP	ND		11000	6900	ug/Kg		08/18/21 15:41	08/24/21 22:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	96		20 - 163				08/18/21 15:41	08/24/21 22:43	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.6	3.5	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
2,4,5-TP (Silvex)	ND		9.6	3.5	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
2,4-D	ND		96	47	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
2,4-DB	ND		96	45	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
Dalapon	ND		240	69	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
Dicamba	ND		9.6	4.5	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
Dichlorprop	ND		96	47	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
Dinoseb	ND	*1	96	18	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
MCPA	ND		19000	10000	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
MCPP	ND		9600	6300	ug/Kg		08/18/21 15:41	08/24/21 23:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	90		20 - 163				08/18/21 15:41	08/24/21 23:06	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.6	3.6	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
2,4,5-TP (Silvex)	ND		9.6	3.5	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
2,4-D	ND		96	47	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
2,4-DB	ND		96	45	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
Dalapon	ND		240	70	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
Dicamba	ND		9.6	4.6	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
Dichlorprop	ND		96	48	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
Dinoseb	ND	*1	96	19	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
MCPA	ND		19000	10000	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
MCPP	ND		9600	6400	ug/Kg		08/18/21 15:41	08/24/21 23:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	143		20 - 163				08/18/21 15:41	08/24/21 23:29	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
2,4,5-TP (Silvex)	ND		10	3.6	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
2,4-D	ND		100	48	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
2,4-DB	ND		100	46	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
Dalapon	ND		250	72	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
Dicamba	ND		10	4.7	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
Dichlorprop	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
Dinoseb	ND	*1	100	19	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
MCPA	ND		20000	10000	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
MCPP	ND		10000	6600	ug/Kg		08/18/21 15:41	08/24/21 23:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	97		20 - 163				08/18/21 15:41	08/24/21 23:52	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
Dalapon	ND		260	75	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
MCPP	ND		10000	6800	ug/Kg		08/18/21 15:41	08/25/21 00:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	74	p	20 - 163				08/18/21 15:41	08/25/21 00:15	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
2,4-DB	ND		100	48	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
Dalapon	ND		260	75	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
Dichlorprop	ND		100	51	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
MCPP	ND		10000	6800	ug/Kg		08/18/21 15:41	08/25/21 00:38	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	93		20 - 163				08/18/21 15:41	08/25/21 00:38	1

Eurofins Calscience LLC

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
2,4-D	ND		100	50	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
2,4-DB	ND		100	47	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
Dalapon	ND		250	74	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
Dicamba	ND		10	4.8	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
Dichlorprop	75	J p	100	50	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
MCPA	ND		20000	11000	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
MCPP	ND		10000	6700	ug/Kg		08/18/21 15:41	08/25/21 01:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	154		20 - 163				08/18/21 15:41	08/25/21 01:24	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.9	3.7	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
2,4,5-TP (Silvex)	ND		9.9	3.6	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
2,4-D	ND		99	48	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
2,4-DB	ND		99	46	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
Dalapon	ND		250	72	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
Dicamba	ND		9.9	4.7	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
Dichlorprop	ND		99	49	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
Dinoseb	ND	*1	99	19	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
MCPA	ND		20000	10000	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
MCPP	ND		9900	6600	ug/Kg		08/18/21 15:41	08/25/21 01:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	107		20 - 163				08/18/21 15:41	08/25/21 01:47	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		9.8	3.6	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
2,4,5-TP (Silvex)	ND		9.8	3.6	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
2,4-D	ND		98	48	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
2,4-DB	ND		98	46	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
Dalapon	ND		240	71	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
Dicamba	ND		9.8	4.6	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
Dichlorprop	ND		98	48	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
Dinoseb	ND	*1	98	19	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
MCPA	ND		20000	10000	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
MCPP	ND		9800	6500	ug/Kg		08/18/21 15:41	08/25/21 02:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	154		20 - 163				08/18/21 15:41	08/25/21 02:10	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
2,4,5-TP (Silvex)	ND		10	3.7	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
2,4-D	ND		100	49	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
2,4-DB	ND		100	47	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
Dalapon	ND		250	74	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
Dicamba	ND		10	4.8	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
Dichlorprop	ND		100	50	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
Dinoseb	ND	*1	100	19	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
MCPA	ND		20000	11000	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
MCPP	ND		10000	6700	ug/Kg		08/18/21 15:41	08/25/21 02:33	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	155		20 - 163				08/18/21 15:41	08/25/21 02:33	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.9	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
2,4,5-TP (Silvex)	ND		10	3.8	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
2,4-D	ND		100	51	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
2,4-DB	ND		100	49	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
Dalapon	ND		260	76	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
Dicamba	ND		10	4.9	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
Dichlorprop	ND		100	52	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
Dinoseb	ND	*1	100	20	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
MCPA	ND		21000	11000	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
MCPP	ND		10000	6900	ug/Kg		08/18/21 15:41	08/25/21 02:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	69		20 - 163				08/18/21 15:41	08/25/21 02:56	1

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.49	0.21	ug/L		08/10/21 18:08	08/12/21 03:52	1
2,4,5-TP (Silvex)	ND		0.49	0.39	ug/L		08/10/21 18:08	08/12/21 03:52	1
2,4-D	ND		4.9	1.9	ug/L		08/10/21 18:08	08/12/21 03:52	1
2,4-DB	ND		4.9	3.4	ug/L		08/10/21 18:08	08/12/21 03:52	1
Dalapon	ND		12	4.6	ug/L		08/10/21 18:08	08/12/21 03:52	1
Dicamba	ND		0.49	0.28	ug/L		08/10/21 18:08	08/12/21 03:52	1
Dichlorprop	ND		4.9	1.9	ug/L		08/10/21 18:08	08/12/21 03:52	1
Dinoseb	ND		2.5	2.1	ug/L		08/10/21 18:08	08/12/21 03:52	1
MCPA	ND		490	340	ug/L		08/10/21 18:08	08/12/21 03:52	1
MCPP	ND		490	300	ug/L		08/10/21 18:08	08/12/21 03:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	65		20 - 147				08/10/21 18:08	08/12/21 03:52	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.976	0.220	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Arsenic</b>	<b>5.96</b>		2.44	2.21	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Barium</b>	<b>139</b>		0.488	0.216	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Beryllium</b>	<b>0.513</b>		0.244	0.167	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Cadmium</b>	<b>0.597</b>		0.488	0.197	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Cobalt</b>	<b>5.41</b>		0.976	0.222	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Chromium</b>	<b>5.26</b>		0.976	0.171	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Copper</b>	<b>14.7</b>		0.976	0.495	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Molybdenum</b>	<b>0.458</b>	<b>J F1</b>	0.488	0.440	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Nickel</b>	<b>9.88</b>		0.488	0.419	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
Antimony	ND	F1	2.93	1.32	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
Selenium	ND	F1	4.88	1.81	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
Thallium	ND		4.88	1.45	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Vanadium</b>	<b>14.1</b>		0.976	0.167	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Zinc</b>	<b>35.0</b>		9.76	4.99	mg/Kg		08/19/21 07:37	08/19/21 15:44	1
<b>Lead</b>	<b>11.2</b>		4.88	0.943	mg/Kg		08/19/21 07:37	08/19/21 15:44	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.980	0.221	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Arsenic</b>	<b>3.79</b>		2.45	2.22	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Barium</b>	<b>108</b>		0.490	0.217	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Beryllium</b>	<b>0.328</b>		0.245	0.168	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Cadmium</b>	<b>0.408</b>	<b>J</b>	0.490	0.198	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Cobalt</b>	<b>3.71</b>		0.980	0.223	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Chromium</b>	<b>4.13</b>		0.980	0.172	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Copper</b>	<b>10.1</b>		0.980	0.497	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
Molybdenum	ND		0.490	0.442	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Nickel</b>	<b>6.74</b>		0.490	0.421	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
Antimony	ND		2.94	1.33	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
Selenium	ND		4.90	1.81	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
Thallium	ND		4.90	1.45	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Vanadium</b>	<b>9.74</b>		0.980	0.168	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Zinc</b>	<b>23.5</b>		9.80	5.01	mg/Kg		08/19/21 07:37	08/19/21 15:52	1
<b>Lead</b>	<b>7.64</b>		4.90	0.948	mg/Kg		08/19/21 07:37	08/19/21 15:52	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.04	0.235	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Arsenic</b>	<b>3.85</b>		2.60	2.36	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Barium</b>	<b>169</b>		0.521	0.231	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Beryllium</b>	<b>0.324</b>		0.260	0.178	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Cadmium</b>	<b>0.428</b>	<b>J</b>	0.521	0.210	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Cobalt</b>	<b>5.73</b>		1.04	0.237	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Chromium</b>	<b>4.16</b>		1.04	0.183	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Copper</b>	<b>10.5</b>		1.04	0.528	mg/Kg		08/19/21 07:37	08/19/21 15:54	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.521	0.469	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Nickel</b>	<b>9.04</b>		0.521	0.447	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
Antimony	ND		3.13	1.41	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
Selenium	ND		5.21	1.93	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
Thallium	ND		5.21	1.54	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Vanadium</b>	<b>11.2</b>		1.04	0.179	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Zinc</b>	<b>25.9</b>		10.4	5.33	mg/Kg		08/19/21 07:37	08/19/21 15:54	1
<b>Lead</b>	<b>7.20</b>		5.21	1.01	mg/Kg		08/19/21 07:37	08/19/21 15:54	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.02	0.229	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Arsenic</b>	<b>3.45</b>		2.54	2.30	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Barium</b>	<b>71.7</b>		0.508	0.225	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
Beryllium	ND		0.254	0.174	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Cadmium</b>	<b>0.239</b>	<b>J</b>	0.508	0.205	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Cobalt</b>	<b>2.79</b>		1.02	0.231	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Chromium</b>	<b>2.17</b>		1.02	0.178	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Copper</b>	<b>4.09</b>		1.02	0.515	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
Molybdenum	ND		0.508	0.457	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Nickel</b>	<b>4.45</b>		0.508	0.436	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
Antimony	ND		3.05	1.38	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
Selenium	ND		5.08	1.88	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
Thallium	ND		5.08	1.50	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Vanadium</b>	<b>6.21</b>		1.02	0.174	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Zinc</b>	<b>12.8</b>		10.2	5.19	mg/Kg		08/19/21 07:37	08/19/21 15:57	1
<b>Lead</b>	<b>3.94</b>	<b>J</b>	5.08	0.982	mg/Kg		08/19/21 07:37	08/19/21 15:57	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.03	0.232	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Arsenic</b>	<b>4.37</b>		2.58	2.33	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Barium</b>	<b>126</b>		0.515	0.229	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Beryllium</b>	<b>0.341</b>		0.258	0.176	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Cadmium</b>	<b>0.441</b>	<b>J</b>	0.515	0.208	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Cobalt</b>	<b>4.50</b>		1.03	0.234	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Chromium</b>	<b>4.41</b>		1.03	0.181	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Copper</b>	<b>12.0</b>		1.03	0.523	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
Molybdenum	ND		0.515	0.464	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Nickel</b>	<b>7.95</b>		0.515	0.443	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
Antimony	ND		3.09	1.40	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
Selenium	ND		5.15	1.91	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
Thallium	ND		5.15	1.53	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Vanadium</b>	<b>10.9</b>		1.03	0.177	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Zinc</b>	<b>32.4</b>		10.3	5.27	mg/Kg		08/19/21 07:37	08/19/21 16:00	1
<b>Lead</b>	<b>16.3</b>		5.15	0.997	mg/Kg		08/19/21 07:37	08/19/21 16:00	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.01	0.226	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Arsenic</b>	<b>4.22</b>		2.51	2.28	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Barium</b>	<b>118</b>		0.503	0.223	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Beryllium</b>	<b>0.359</b>		0.251	0.172	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Cadmium</b>	<b>0.481</b>	<b>J</b>	0.503	0.203	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Cobalt</b>	<b>4.87</b>		1.01	0.228	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Chromium</b>	<b>5.09</b>		1.01	0.177	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Copper</b>	<b>14.1</b>		1.01	0.510	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
Molybdenum	ND		0.503	0.453	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Nickel</b>	<b>8.66</b>		0.503	0.432	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
Antimony	ND		3.02	1.36	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
Selenium	ND		5.03	1.86	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
Thallium	ND		5.03	1.49	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Vanadium</b>	<b>11.6</b>		1.01	0.173	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Zinc</b>	<b>38.4</b>		10.1	5.14	mg/Kg		08/19/21 07:37	08/19/21 16:03	1
<b>Lead</b>	<b>30.6</b>		5.03	0.972	mg/Kg		08/19/21 07:37	08/19/21 16:03	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.976	0.220	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Arsenic</b>	<b>2.80</b>		2.44	2.21	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Barium</b>	<b>64.0</b>		0.488	0.216	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
Beryllium	ND		0.244	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Cadmium</b>	<b>0.198</b>	<b>J</b>	0.488	0.197	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Cobalt</b>	<b>2.24</b>		0.976	0.222	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Chromium</b>	<b>2.09</b>		0.976	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Copper</b>	<b>3.38</b>		0.976	0.495	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
Molybdenum	ND		0.488	0.440	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Nickel</b>	<b>3.67</b>		0.488	0.419	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
Antimony	ND		2.93	1.32	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
Selenium	ND		4.88	1.81	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
Thallium	ND		4.88	1.45	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Vanadium</b>	<b>4.96</b>		0.976	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Zinc</b>	<b>10.2</b>		9.76	4.99	mg/Kg		08/19/21 07:37	08/19/21 16:05	1
<b>Lead</b>	<b>3.35</b>	<b>J</b>	4.88	0.943	mg/Kg		08/19/21 07:37	08/19/21 16:05	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.225	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Arsenic</b>	<b>4.71</b>		2.50	2.26	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Barium</b>	<b>166</b>		0.500	0.222	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Beryllium</b>	<b>0.318</b>		0.250	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Cadmium</b>	<b>0.421</b>	<b>J</b>	0.500	0.202	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Cobalt</b>	<b>4.36</b>		1.00	0.227	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Chromium</b>	<b>3.97</b>		1.00	0.176	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Copper</b>	<b>10.1</b>		1.00	0.507	mg/Kg		08/19/21 07:37	08/19/21 16:08	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.500	0.451	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Nickel</b>	<b>7.86</b>		0.500	0.429	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
Antimony	ND		3.00	1.36	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
Selenium	ND		5.00	1.85	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
Thallium	ND		5.00	1.48	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Vanadium</b>	<b>10.7</b>		1.00	0.172	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Zinc</b>	<b>24.2</b>		10.0	5.11	mg/Kg		08/19/21 07:37	08/19/21 16:08	1
<b>Lead</b>	<b>6.89</b>		5.00	0.967	mg/Kg		08/19/21 07:37	08/19/21 16:08	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.995	0.224	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Arsenic</b>	<b>8.25</b>		2.49	2.25	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Barium</b>	<b>252</b>		0.498	0.221	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Beryllium</b>	<b>0.884</b>		0.249	0.170	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Cadmium</b>	<b>1.01</b>		0.498	0.201	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Cobalt</b>	<b>9.99</b>		0.995	0.226	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Chromium</b>	<b>13.1</b>		0.995	0.175	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Copper</b>	<b>31.2</b>		0.995	0.505	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Molybdenum</b>	<b>0.951</b>		0.498	0.448	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Nickel</b>	<b>20.2</b>		0.498	0.427	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
Antimony	ND		2.99	1.35	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
Selenium	ND		4.98	1.84	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
Thallium	ND		4.98	1.47	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Vanadium</b>	<b>24.7</b>		0.995	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Zinc</b>	<b>64.9</b>		9.95	5.09	mg/Kg		08/19/21 07:37	08/19/21 16:19	1
<b>Lead</b>	<b>16.7</b>		4.98	0.962	mg/Kg		08/19/21 07:37	08/19/21 16:19	1

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.971	0.219	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Arsenic</b>	<b>3.63</b>		2.43	2.20	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Barium</b>	<b>138</b>		0.485	0.215	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Beryllium</b>	<b>0.355</b>		0.243	0.166	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Cadmium</b>	<b>0.445</b>	J	0.485	0.196	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Cobalt</b>	<b>4.89</b>		0.971	0.221	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Chromium</b>	<b>4.73</b>		0.971	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Copper</b>	<b>10.6</b>		0.971	0.492	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Molybdenum</b>	<b>0.456</b>	J	0.485	0.437	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Nickel</b>	<b>8.55</b>		0.485	0.417	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
Antimony	ND		2.91	1.32	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
Selenium	ND		4.85	1.80	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
Thallium	ND		4.85	1.44	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Vanadium</b>	<b>10.2</b>		0.971	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Zinc</b>	<b>26.5</b>		9.71	4.97	mg/Kg		08/19/21 07:37	08/19/21 16:21	1
<b>Lead</b>	<b>6.65</b>		4.85	0.939	mg/Kg		08/19/21 07:37	08/19/21 16:21	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.985	0.222	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Arsenic</b>	<b>3.78</b>		2.46	2.23	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Barium</b>	<b>136</b>		0.493	0.218	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Beryllium</b>	<b>0.342</b>		0.246	0.168	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Cadmium</b>	<b>0.409</b>	<b>J</b>	0.493	0.199	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Cobalt</b>	<b>4.24</b>		0.985	0.224	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Chromium</b>	<b>3.78</b>		0.985	0.173	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Copper</b>	<b>10.1</b>		0.985	0.500	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
Molybdenum	ND		0.493	0.444	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Nickel</b>	<b>7.49</b>		0.493	0.423	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
Antimony	ND		2.96	1.34	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
Selenium	ND		4.93	1.82	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
Thallium	ND		4.93	1.46	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Vanadium</b>	<b>9.30</b>		0.985	0.169	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Zinc</b>	<b>23.4</b>		9.85	5.04	mg/Kg		08/19/21 07:37	08/19/21 16:24	1
<b>Lead</b>	<b>6.46</b>		4.93	0.953	mg/Kg		08/19/21 07:37	08/19/21 16:24	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.952	0.214	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Arsenic</b>	<b>4.49</b>		2.38	2.16	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Barium</b>	<b>145</b>		0.476	0.211	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Beryllium</b>	<b>0.255</b>		0.238	0.163	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Cadmium</b>	<b>0.425</b>	<b>J</b>	0.476	0.192	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Cobalt</b>	<b>4.34</b>		0.952	0.216	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Chromium</b>	<b>3.82</b>		0.952	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Copper</b>	<b>9.66</b>		0.952	0.483	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Molybdenum</b>	<b>0.967</b>		0.476	0.429	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Nickel</b>	<b>8.16</b>		0.476	0.409	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
Antimony	ND		2.86	1.29	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
Selenium	ND		4.76	1.76	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
Thallium	ND		4.76	1.41	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Vanadium</b>	<b>9.94</b>		0.952	0.163	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Zinc</b>	<b>22.2</b>		9.52	4.87	mg/Kg		08/19/21 07:37	08/19/21 16:27	1
<b>Lead</b>	<b>5.76</b>		4.76	0.921	mg/Kg		08/19/21 07:37	08/19/21 16:27	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.04	0.235	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Arsenic</b>	<b>6.60</b>		2.60	2.36	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Barium</b>	<b>169</b>		0.521	0.231	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Beryllium</b>	<b>0.684</b>		0.260	0.178	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Cadmium</b>	<b>0.684</b>		0.521	0.210	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Cobalt</b>	<b>6.92</b>		1.04	0.237	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Chromium</b>	<b>6.35</b>		1.04	0.183	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
<b>Copper</b>	<b>24.0</b>		1.04	0.528	mg/Kg		08/19/21 07:37	08/19/21 16:30	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	0.470	J	0.521	0.469	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Nickel	12.5		0.521	0.447	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Antimony	ND		3.13	1.41	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Selenium	ND		5.21	1.93	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Thallium	ND		5.21	1.54	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Vanadium	16.8		1.04	0.179	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Zinc	42.4		10.4	5.33	mg/Kg		08/19/21 07:37	08/19/21 16:30	1
Lead	13.7		5.21	1.01	mg/Kg		08/19/21 07:37	08/19/21 16:30	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.03	0.232	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Arsenic	5.79		2.58	2.33	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Barium	149		0.515	0.229	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Beryllium	0.635		0.258	0.176	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Cadmium	0.634		0.515	0.208	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Cobalt	7.26		1.03	0.234	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Chromium	6.64		1.03	0.181	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Copper	28.8		1.03	0.523	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Molybdenum	ND		0.515	0.464	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Nickel	13.5		0.515	0.443	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Antimony	ND		3.09	1.40	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Selenium	ND		5.15	1.91	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Thallium	ND		5.15	1.53	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Vanadium	17.2		1.03	0.177	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Zinc	39.9		10.3	5.27	mg/Kg		08/19/21 07:37	08/19/21 16:32	1
Lead	13.2		5.15	0.997	mg/Kg		08/19/21 07:37	08/19/21 16:32	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.01	0.226	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Arsenic	4.41		2.51	2.28	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Barium	153		0.503	0.223	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Beryllium	0.332		0.251	0.172	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Cadmium	0.509		0.503	0.203	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Cobalt	5.14		1.01	0.228	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Chromium	5.39		1.01	0.177	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Copper	13.2		1.01	0.510	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Molybdenum	ND		0.503	0.453	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Nickel	9.72		0.503	0.432	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Antimony	ND		3.02	1.36	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Selenium	ND		5.03	1.86	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Thallium	ND		5.03	1.49	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Vanadium	12.2		1.01	0.173	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Zinc	31.3		10.1	5.14	mg/Kg		08/19/21 07:37	08/19/21 16:35	1
Lead	7.52		5.03	0.972	mg/Kg		08/19/21 07:37	08/19/21 16:35	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.02	0.229	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Arsenic</b>	<b>4.05</b>		2.54	2.30	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Barium</b>	<b>159</b>		0.508	0.225	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Beryllium</b>	<b>0.244</b>	<b>J</b>	0.254	0.174	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Cadmium</b>	<b>0.398</b>	<b>J</b>	0.508	0.205	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Cobalt</b>	<b>5.30</b>		1.02	0.231	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Chromium</b>	<b>4.45</b>		1.02	0.178	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Copper</b>	<b>8.82</b>		1.02	0.515	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Molybdenum</b>	<b>0.613</b>		0.508	0.457	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Nickel</b>	<b>8.76</b>		0.508	0.436	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
Antimony	ND		3.05	1.38	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
Selenium	ND		5.08	1.88	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
Thallium	ND		5.08	1.50	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Vanadium</b>	<b>10.6</b>		1.02	0.174	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Zinc</b>	<b>23.9</b>		10.2	5.19	mg/Kg		08/19/21 07:37	08/19/21 16:38	1
<b>Lead</b>	<b>5.85</b>		5.08	0.982	mg/Kg		08/19/21 07:37	08/19/21 16:38	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.04	0.235	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Arsenic</b>	<b>4.58</b>		2.60	2.36	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Barium</b>	<b>153</b>		0.521	0.231	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Beryllium</b>	<b>0.246</b>	<b>J</b>	0.260	0.178	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Cadmium</b>	<b>0.395</b>	<b>J</b>	0.521	0.210	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Cobalt</b>	<b>4.30</b>		1.04	0.237	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Chromium</b>	<b>4.10</b>		1.04	0.183	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Copper</b>	<b>8.37</b>		1.04	0.528	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
Molybdenum	ND		0.521	0.469	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Nickel</b>	<b>7.93</b>		0.521	0.447	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
Antimony	ND		3.13	1.41	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
Selenium	ND		5.21	1.93	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
Thallium	ND		5.21	1.54	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Vanadium</b>	<b>10.0</b>		1.04	0.179	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Zinc</b>	<b>23.1</b>		10.4	5.33	mg/Kg		08/19/21 07:37	08/19/21 16:41	1
<b>Lead</b>	<b>5.83</b>		5.21	1.01	mg/Kg		08/19/21 07:37	08/19/21 16:41	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.01	0.226	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Arsenic</b>	<b>4.19</b>		2.51	2.28	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Barium</b>	<b>113</b>		0.503	0.223	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Beryllium</b>	<b>0.403</b>		0.251	0.172	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Cadmium</b>	<b>0.484</b>	<b>J</b>	0.503	0.203	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Cobalt</b>	<b>5.27</b>		1.01	0.228	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Chromium</b>	<b>4.72</b>		1.01	0.177	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Copper</b>	<b>17.2</b>		1.01	0.510	mg/Kg		08/19/21 07:37	08/19/21 16:43	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.503	0.453	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Nickel</b>	<b>8.45</b>		0.503	0.432	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
Antimony	ND		3.02	1.36	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
Selenium	ND		5.03	1.86	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
Thallium	ND		5.03	1.49	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Vanadium</b>	<b>11.6</b>		1.01	0.173	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Zinc</b>	<b>41.3</b>		10.1	5.14	mg/Kg		08/19/21 07:37	08/19/21 16:43	1
<b>Lead</b>	<b>15.3</b>		5.03	0.972	mg/Kg		08/19/21 07:37	08/19/21 16:43	1

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.976	0.220	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Arsenic</b>	<b>2.84</b>		2.44	2.21	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Barium</b>	<b>119</b>		0.488	0.216	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Beryllium</b>	<b>0.264</b>		0.244	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Cadmium</b>	<b>0.368</b>	<b>J</b>	0.488	0.197	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Cobalt</b>	<b>3.79</b>		0.976	0.222	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Chromium</b>	<b>4.00</b>		0.976	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Copper</b>	<b>10.5</b>		0.976	0.495	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
Molybdenum	ND		0.488	0.440	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Nickel</b>	<b>7.33</b>		0.488	0.419	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
Antimony	ND		2.93	1.32	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
Selenium	ND		4.88	1.81	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
Thallium	ND		4.88	1.45	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Vanadium</b>	<b>9.18</b>		0.976	0.167	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Zinc</b>	<b>23.3</b>		9.76	4.99	mg/Kg		08/19/21 07:37	08/19/21 16:55	1
<b>Lead</b>	<b>5.91</b>		4.88	0.943	mg/Kg		08/19/21 07:37	08/19/21 16:55	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.225	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Arsenic</b>	<b>2.39</b>	<b>J</b>	2.50	2.26	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Barium</b>	<b>86.9</b>		0.500	0.222	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
Beryllium	ND		0.250	0.171	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Cadmium</b>	<b>0.216</b>	<b>J</b>	0.500	0.202	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Cobalt</b>	<b>2.53</b>		1.00	0.227	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Chromium</b>	<b>2.05</b>		1.00	0.176	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Copper</b>	<b>4.01</b>		1.00	0.507	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
Molybdenum	ND		0.500	0.451	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Nickel</b>	<b>4.31</b>		0.500	0.429	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
Antimony	ND		3.00	1.36	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
Selenium	ND		5.00	1.85	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
Thallium	ND		5.00	1.48	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Vanadium</b>	<b>5.49</b>		1.00	0.172	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Zinc</b>	<b>12.1</b>		10.0	5.11	mg/Kg		08/19/21 07:37	08/19/21 16:58	1
<b>Lead</b>	<b>3.41</b>	<b>J</b>	5.00	0.967	mg/Kg		08/19/21 07:37	08/19/21 16:58	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.966	0.218	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Arsenic</b>	<b>2.34</b>	<b>J</b>	2.42	2.19	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Barium</b>	<b>101</b>		0.483	0.214	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
Beryllium	ND		0.242	0.165	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Cadmium</b>	<b>0.248</b>	<b>J</b>	0.483	0.195	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Cobalt</b>	<b>2.82</b>		0.966	0.220	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Chromium</b>	<b>2.83</b>		0.966	0.170	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Copper</b>	<b>5.36</b>		0.966	0.490	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
Molybdenum	ND		0.483	0.435	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Nickel</b>	<b>4.89</b>		0.483	0.415	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
Antimony	ND	F1	2.90	1.31	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
Selenium	ND		4.83	1.79	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
Thallium	ND		4.83	1.43	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Vanadium</b>	<b>6.56</b>		0.966	0.166	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Zinc</b>	<b>14.9</b>	<b>F1</b>	9.66	4.94	mg/Kg		08/19/21 08:11	08/19/21 14:37	1
<b>Lead</b>	<b>3.89</b>	<b>J</b>	4.83	0.934	mg/Kg		08/19/21 08:11	08/19/21 14:37	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.966	0.218	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Arsenic</b>	<b>4.90</b>		2.42	2.19	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Barium</b>	<b>140</b>		0.483	0.214	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Beryllium</b>	<b>0.424</b>		0.242	0.165	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Cadmium</b>	<b>0.559</b>		0.483	0.195	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Cobalt</b>	<b>5.10</b>		0.966	0.220	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Chromium</b>	<b>5.72</b>		0.966	0.170	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Copper</b>	<b>13.3</b>		0.966	0.490	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
Molybdenum	ND		0.483	0.435	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Nickel</b>	<b>9.76</b>		0.483	0.415	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
Antimony	ND		2.90	1.31	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
Selenium	ND		4.83	1.79	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
Thallium	ND		4.83	1.43	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Vanadium</b>	<b>13.3</b>		0.966	0.166	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Zinc</b>	<b>33.8</b>		9.66	4.94	mg/Kg		08/19/21 08:11	08/19/21 14:53	1
<b>Lead</b>	<b>9.25</b>		4.83	0.934	mg/Kg		08/19/21 08:11	08/19/21 14:53	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.971	0.219	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Arsenic</b>	<b>3.75</b>		2.43	2.20	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Barium</b>	<b>141</b>		0.485	0.215	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Beryllium</b>	<b>0.315</b>		0.243	0.166	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Cadmium</b>	<b>0.452</b>	<b>J</b>	0.485	0.196	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Cobalt</b>	<b>4.58</b>		0.971	0.221	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Chromium</b>	<b>5.04</b>		0.971	0.171	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Copper</b>	<b>12.5</b>		0.971	0.492	mg/Kg		08/19/21 08:11	08/19/21 14:56	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.485	0.437	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Nickel</b>	<b>8.75</b>		0.485	0.417	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
Antimony	ND		2.91	1.32	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
Selenium	ND		4.85	1.80	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
Thallium	ND		4.85	1.44	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Vanadium</b>	<b>11.1</b>		0.971	0.167	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Zinc</b>	<b>28.1</b>		9.71	4.97	mg/Kg		08/19/21 08:11	08/19/21 14:56	1
<b>Lead</b>	<b>6.58</b>		4.85	0.939	mg/Kg		08/19/21 08:11	08/19/21 14:56	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.03	0.232	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Arsenic	ND		2.58	2.33	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Barium</b>	<b>71.8</b>		0.515	0.229	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Beryllium	ND		0.258	0.176	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Cadmium	ND		0.515	0.208	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Cobalt</b>	<b>2.21</b>		1.03	0.234	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Chromium</b>	<b>1.92</b>		1.03	0.181	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Copper</b>	<b>2.83</b>		1.03	0.523	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Molybdenum	ND		0.515	0.464	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Nickel</b>	<b>3.57</b>		0.515	0.443	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Antimony	ND		3.09	1.40	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Selenium	ND		5.15	1.91	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
Thallium	ND		5.15	1.53	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Vanadium</b>	<b>4.75</b>		1.03	0.177	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Zinc</b>	<b>9.70</b>	J	10.3	5.27	mg/Kg		08/19/21 08:11	08/19/21 14:59	1
<b>Lead</b>	<b>2.86</b>	J	5.15	0.997	mg/Kg		08/19/21 08:11	08/19/21 14:59	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.01	0.226	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Arsenic</b>	<b>3.52</b>		2.51	2.28	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Barium</b>	<b>159</b>		0.503	0.223	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Beryllium</b>	<b>0.328</b>		0.251	0.172	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Cadmium</b>	<b>0.439</b>	J	0.503	0.203	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Cobalt</b>	<b>4.71</b>		1.01	0.228	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Chromium</b>	<b>4.61</b>		1.01	0.177	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Copper</b>	<b>11.4</b>		1.01	0.510	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
Molybdenum	ND		0.503	0.453	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Nickel</b>	<b>8.83</b>		0.503	0.432	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
Antimony	ND		3.02	1.36	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
Selenium	ND		5.03	1.86	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
Thallium	ND		5.03	1.49	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Vanadium</b>	<b>10.8</b>		1.01	0.173	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Zinc</b>	<b>26.2</b>		10.1	5.14	mg/Kg		08/19/21 08:11	08/19/21 15:01	1
<b>Lead</b>	<b>6.79</b>		5.03	0.972	mg/Kg		08/19/21 08:11	08/19/21 15:01	1

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# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.04	0.235	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Arsenic</b>	<b>4.05</b>		2.60	2.36	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Barium</b>	<b>186</b>		0.521	0.231	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Beryllium</b>	<b>0.401</b>		0.260	0.178	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Cadmium</b>	<b>0.545</b>		0.521	0.210	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Cobalt</b>	<b>6.06</b>		1.04	0.237	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Chromium</b>	<b>6.27</b>		1.04	0.183	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Copper</b>	<b>16.2</b>		1.04	0.528	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Molybdenum</b>	<b>0.473</b>	<b>J</b>	0.521	0.469	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Nickel</b>	<b>11.6</b>		0.521	0.447	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
Antimony	ND		3.13	1.41	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
Selenium	ND		5.21	1.93	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
Thallium	ND		5.21	1.54	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Vanadium</b>	<b>13.4</b>		1.04	0.179	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Zinc</b>	<b>34.2</b>		10.4	5.33	mg/Kg		08/19/21 08:11	08/19/21 15:12	1
<b>Lead</b>	<b>8.13</b>		5.21	1.01	mg/Kg		08/19/21 08:11	08/19/21 15:12	1

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) - Total Recoverable

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0100	0.00582	mg/L		08/11/21 10:50	08/12/21 12:19	1
Arsenic	ND		0.100	0.0215	mg/L		08/11/21 10:50	08/12/21 12:19	1
Barium	ND		0.0100	0.00156	mg/L		08/11/21 10:50	08/12/21 12:19	1
Beryllium	ND		0.0100	0.00258	mg/L		08/11/21 10:50	08/12/21 12:19	1
Cadmium	ND		0.0100	0.00119	mg/L		08/11/21 10:50	08/12/21 12:19	1
Cobalt	ND		0.0500	0.00233	mg/L		08/11/21 10:50	08/12/21 12:19	1
Chromium	ND		0.0500	0.00858	mg/L		08/11/21 10:50	08/12/21 12:19	1
<b>Copper</b>	<b>0.0732</b>		0.0500	0.00845	mg/L		08/11/21 10:50	08/12/21 12:19	1
Molybdenum	ND		0.0500	0.0238	mg/L		08/11/21 10:50	08/12/21 12:19	1
Nickel	ND		0.0500	0.00450	mg/L		08/11/21 10:50	08/12/21 12:19	1
Antimony	ND		0.100	0.0206	mg/L		08/11/21 10:50	08/12/21 12:19	1
Selenium	ND		0.100	0.0344	mg/L		08/11/21 10:50	08/12/21 12:19	1
Thallium	ND		0.0500	0.0189	mg/L		08/11/21 10:50	08/12/21 12:19	1
Vanadium	ND		0.0100	0.00170	mg/L		08/11/21 10:50	08/12/21 12:19	1
<b>Zinc</b>	<b>0.0765</b>	<b>J</b>	0.250	0.0138	mg/L		08/11/21 10:50	08/12/21 12:19	1
Lead	ND		0.0500	0.00796	mg/L		08/11/21 10:50	08/12/21 12:19	1

# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7470A - Mercury (CVAA)

**Client Sample ID: EB**  
**Date Collected: 08/06/21 10:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-27**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/12/21 11:50	08/16/21 12:26	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: B1-0.5**  
**Date Collected: 08/06/21 06:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-1**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0140	J	0.0794	0.0129	mg/Kg		08/19/21 06:24	08/19/21 16:17	1

**Client Sample ID: B1-5.0**  
**Date Collected: 08/06/21 06:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-2**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	0.0133	mg/Kg		08/19/21 06:24	08/19/21 16:22	1

**Client Sample ID: B1-10**  
**Date Collected: 08/06/21 06:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-3**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0168	J	0.0833	0.0135	mg/Kg		08/19/21 06:24	08/19/21 16:24	1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:24	08/19/21 16:26	1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0172	J	0.0806	0.0131	mg/Kg		08/19/21 06:24	08/19/21 16:28	1

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	0.0133	mg/Kg		08/19/21 06:24	08/19/21 16:33	1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/19/21 06:24	08/19/21 16:35	1

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	0.0129	mg/Kg		08/19/21 06:24	08/19/21 16:37	1

**Client Sample ID: B3-0.5**  
**Date Collected: 08/06/21 08:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-9**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:24	08/19/21 16:39	1

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# Client Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: B3-5.0**  
**Date Collected: 08/06/21 08:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-10**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877	0.0142	mg/Kg		08/19/21 06:24	08/19/21 16:41	1

**Client Sample ID: B3-10**  
**Date Collected: 08/06/21 08:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-11**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862	0.0140	mg/Kg		08/19/21 06:24	08/19/21 16:43	1

**Client Sample ID: B3-15**  
**Date Collected: 08/06/21 08:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-12**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	0.0133	mg/Kg		08/19/21 06:24	08/19/21 16:44	1

**Client Sample ID: B4-0.5**  
**Date Collected: 08/06/21 08:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-13**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/19/21 06:24	08/19/21 16:46	1

**Client Sample ID: B4-0.5DUP**  
**Date Collected: 08/06/21 08:51**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-14**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:24	08/19/21 16:48	1

**Client Sample ID: B4-5.0**  
**Date Collected: 08/06/21 08:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-15**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	0.0129	mg/Kg		08/19/21 06:24	08/19/21 16:50	1

**Client Sample ID: B4-10**  
**Date Collected: 08/06/21 09:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-16**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:24	08/19/21 16:56	1

**Client Sample ID: B4-15**  
**Date Collected: 08/06/21 09:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-17**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0143	J	0.0877	0.0142	mg/Kg		08/19/21 06:24	08/19/21 16:58	1

**Client Sample ID: B5-0.5**  
**Date Collected: 08/06/21 09:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	0.0133	mg/Kg		08/19/21 06:24	08/19/21 16:59	1

# Client Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: B5-5.0**  
**Date Collected: 08/06/21 09:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-19**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/19/21 06:24	08/19/21 17:01	1

**Client Sample ID: B5-10**  
**Date Collected: 08/06/21 09:40**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0141	J	0.0794	0.0129	mg/Kg		08/19/21 06:24	08/19/21 17:03	1

**Client Sample ID: B5-15**  
**Date Collected: 08/06/21 09:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-21**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0149	J	0.0833	0.0135	mg/Kg		08/19/21 06:29	08/19/21 12:49	1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:29	08/19/21 12:58	1

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/19/21 06:29	08/19/21 13:00	1

**Client Sample ID: B6-5.0DUP**  
**Date Collected: 08/06/21 07:26**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-24**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:29	08/19/21 13:02	1

**Client Sample ID: B6-10**  
**Date Collected: 08/06/21 07:30**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-25**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0144	J	0.0820	0.0133	mg/Kg		08/19/21 06:29	08/19/21 13:04	1

**Client Sample ID: B6-15**  
**Date Collected: 08/06/21 07:35**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-26**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	0.0129	mg/Kg		08/19/21 06:29	08/19/21 13:06	1

# Surrogate Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-123)	BFB (80-120)	DBFM (78-120)	TOL (80-120)
570-66529-27	EB	112	90	101	99
570-66529-28	TB	109	90	98	98
LCS 570-172219/3	Lab Control Sample	92	108	89	101
LCSD 570-172219/4	Lab Control Sample Dup	92	110	89	101
MB 570-172219/7	Method Blank	106	90	96	98

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-142)	BFB (80-120)	DBFM (80-123)	TOL (80-120)
570-66529-1	B1-0.5	117	102	103	101
570-66529-2	B1-5.0	117	103	101	101
570-66529-3	B1-10	111	103	100	102
570-66529-4	B1-15	112	99	98	102
570-66529-5	B2-0.5	115	101	101	99
570-66529-6	B2-5.0	108	100	101	100
570-66529-7	B2-10	114	104	100	100
570-66529-8	B2-15	113	100	101	100
570-66529-9	B3-0.5	116	100	100	102
570-66529-10	B3-5.0	115	102	102	103
570-66529-11	B3-10	114	101	100	102
570-66529-12	B3-15	113	102	102	102
570-66529-13	B4-0.5	114	100	101	99
570-66529-14	B4-0.5DUP	113	100	97	101
570-66529-15	B4-5.0	114	103	101	101
570-66529-16	B4-10	109	99	96	101
570-66529-17	B4-15	113	99	102	101
570-66529-18	B5-0.5	105	99	98	100
570-66529-19	B5-5.0	112	101	100	102
570-66529-20	B5-10	111	100	101	100
570-66529-21	B5-15	124	98	102	98
570-66529-22	B6-0.5	129	98	105	99
570-66529-23	B6-5.0	127	98	105	99
570-66529-24	B6-5.0DUP	125	96	103	99
570-66529-25	B6-10	132	97	106	100
570-66529-26	B6-15	127	97	106	99
LCS 570-169996/3	Lab Control Sample	100	99	98	102
LCS 570-170095/4	Lab Control Sample	102	101	102	102
LCSD 570-169996/4	Lab Control Sample Dup	100	100	99	101
LCSD 570-170095/5	Lab Control Sample Dup	102	101	102	102
MB 570-169996/6	Method Blank	102	99	99	99
MB 570-170095/9	Method Blank	107	98	95	98

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# Surrogate Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
570-66529-27	EB	70
LCS 570-170262/33	Lab Control Sample	76
LCSD 570-170262/34	Lab Control Sample Dup	93
MB 570-170262/35	Method Blank	68

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B/5035 - Gasoline Range Organics (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-66529-1	B1-0.5	58
570-66529-2	B1-5.0	82
570-66529-3	B1-10	80
570-66529-4	B1-15	61
570-66529-5	B2-0.5	75
570-66529-6	B2-5.0	70
570-66529-7	B2-10	60
570-66529-8	B2-15	64
570-66529-9	B3-0.5	61
570-66529-10	B3-5.0	83
570-66529-11	B3-10	80
570-66529-12	B3-15	81
570-66529-13	B4-0.5	76
570-66529-14	B4-0.5DUP	82
570-66529-15	B4-5.0	77
570-66529-16	B4-10	82
570-66529-17	B4-15	91
570-66529-18	B5-0.5	98
570-66529-19	B5-5.0	102
570-66529-20	B5-10	92
570-66529-21	B5-15	93
570-66529-22	B6-0.5	99
570-66529-23	B6-5.0	92
570-66529-24	B6-5.0DUP	82
570-66529-25	B6-10	103
570-66529-26	B6-15	99
LCS 570-170394/3	Lab Control Sample	83
LCS 570-170423/3	Lab Control Sample	92
LCSD 570-170394/4	Lab Control Sample Dup	86
LCSD 570-170423/4	Lab Control Sample Dup	99
MB 570-170394/5	Method Blank	69

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# Surrogate Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (42-126)
MB 570-170423/5	Method Blank	86

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-66529-1	B1-0.5	116
570-66529-2	B1-5.0	113
570-66529-3	B1-10	118
570-66529-4	B1-15	111
570-66529-5	B2-0.5	114
570-66529-6	B2-5.0	117
570-66529-7	B2-10	116
570-66529-8	B2-15	112
570-66529-9	B3-0.5	118
570-66529-10	B3-5.0	118
570-66529-11	B3-10	95
570-66529-11 MS	B3-10	95
570-66529-11 MSD	B3-10	101
570-66529-12	B3-15	98
570-66529-13	B4-0.5	93
570-66529-14	B4-0.5DUP	105
570-66529-15	B4-5.0	96
570-66529-16	B4-10	102
570-66529-17	B4-15	95
570-66529-18	B5-0.5	103
570-66529-19	B5-5.0	102
570-66529-20	B5-10	97
570-66529-21	B5-15	96
570-66529-22	B6-0.5	99
570-66529-23	B6-5.0	100
570-66529-24	B6-5.0DUP	97
570-66529-25	B6-10	96
570-66529-26	B6-15	99
LCS 570-172535/2-A	Lab Control Sample	108
LCS 570-172775/2-A	Lab Control Sample	101
LCSD 570-172535/3-A	Lab Control Sample Dup	99
LCSD 570-172775/3-A	Lab Control Sample Dup	99
MB 570-172535/1-A	Method Blank	94
MB 570-172775/1-A	Method Blank	112

#### Surrogate Legend

OTCSN = n-Octacosane (Surr)

# Surrogate Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (53-151)
570-66529-27	EB	103
LCS 570-170934/2-A	Lab Control Sample	105
LCSD 570-170934/3-A	Lab Control Sample Dup	105
MB 570-170934/1-A	Method Blank	102

#### Surrogate Legend

OTCSN = n-Octacosane (Surr)

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1	DCB1
		(38-148)	(37-151)
570-66529-1	B1-0.5	80	77
570-66529-2	B1-5.0	78	76
570-66529-3	B1-10	83	82
570-66529-4	B1-15	79	79
570-66529-5	B2-0.5	66	66
570-66529-6	B2-5.0	78	80
570-66529-7	B2-10	78	82
570-66529-8	B2-15	81	82
570-66529-9	B3-0.5	76	82
570-66529-10	B3-5.0	64	72
570-66529-11	B3-10	81	82
570-66529-12	B3-15	93	90
570-66529-13	B4-0.5	80	84
570-66529-14	B4-0.5DUP	81	91
570-66529-14 MS	B4-0.5DUP	74	81
570-66529-14 MSD	B4-0.5DUP	70	82
570-66529-15	B4-5.0	75	73
570-66529-16	B4-10	87	85
570-66529-17	B4-15	86	86
570-66529-18	B5-0.5	77	84
570-66529-19	B5-5.0	75	75
570-66529-20	B5-10	81	80
570-66529-21	B5-15	87	81
570-66529-22	B6-0.5	73	72
570-66529-23	B6-5.0	82	81
570-66529-24	B6-5.0DUP	84	81
570-66529-25	B6-10	87	88
570-66529-26	B6-15	90	89
LCS 570-170182/2-A	Lab Control Sample	87	86
LCS 570-170188/2-A	Lab Control Sample	93	92
LCSD 570-170182/3-A	Lab Control Sample Dup	84	86
LCSD 570-170188/3-A	Lab Control Sample Dup	95	95
MB 570-170182/1-A	Method Blank	83	86
MB 570-170188/1-A	Method Blank	84	95

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

# Surrogate Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415  
 DCB = DCB Decachlorobiphenyl (Surr)

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-132)	DCB1 (10-142)
570-66529-27	EB	83	59
LCS 570-170734/2-A	Lab Control Sample	91	90
LCSD 570-170734/3-A	Lab Control Sample Dup	60	70
MB 570-170734/1-A	Method Blank	84	72

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TBPH1 (20-158)	
570-66529-1	B1-0.5	84	
570-66529-1 MS	B1-0.5	59	
570-66529-1 MSD	B1-0.5	69	
570-66529-2	B1-5.0	78	
570-66529-3	B1-10	84	
570-66529-4	B1-15	75	
570-66529-5	B2-0.5	79	
570-66529-6	B2-5.0	77	
570-66529-7	B2-10	78	
570-66529-8	B2-15	85	
570-66529-9	B3-0.5	81	
570-66529-10	B3-5.0	59	
570-66529-11	B3-10	80	
570-66529-12	B3-15	79	
570-66529-13	B4-0.5	102	
570-66529-14	B4-0.5DUP	87	
570-66529-15	B4-5.0	88	
570-66529-16	B4-10	80	
570-66529-17	B4-15	85	
570-66529-18	B5-0.5	97	
570-66529-19	B5-5.0	92	
570-66529-20	B5-10	66	
570-66529-21	B5-15	87	
570-66529-21 MS	B5-15	72	
570-66529-21 MSD	B5-15	80	
570-66529-22	B6-0.5	80	
570-66529-23	B6-5.0	81	
570-66529-24	B6-5.0DUP	91	
570-66529-25	B6-10	64	
570-66529-26	B6-15	79	
LCS 570-169934/2-A	Lab Control Sample	82	
LCS 570-169935/2-A	Lab Control Sample	83	
LCSD 570-169934/3-A	Lab Control Sample Dup	83	
LCSD 570-169935/3-A	Lab Control Sample Dup	88	

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# Surrogate Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBPH1 (20-158)
MB 570-169934/1-A	Method Blank	91
MB 570-169935/1-A	Method Blank	102

#### Surrogate Legend

TBPH = Tributylphosphate

## Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBPH1 (30-151)
570-66529-27	EB	86
LCS 570-170556/2-A	Lab Control Sample	76
LCSD 570-170556/3-A	Lab Control Sample Dup	80
MB 570-170556/1-A	Method Blank	86

#### Surrogate Legend

TBPH = Tributylphosphate

## Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (20-163)
570-66529-1	B1-0.5	76
570-66529-1 MS	B1-0.5	89
570-66529-1 MSD	B1-0.5	95
570-66529-2	B1-5.0	76
570-66529-3	B1-10	91
570-66529-4	B1-15	69
570-66529-5	B2-0.5	103
570-66529-6	B2-5.0	103
570-66529-7	B2-10	81
570-66529-7 MS	B2-10	91
570-66529-7 MSD	B2-10	88
570-66529-8	B2-15	81
570-66529-9	B3-0.5	155
570-66529-10	B3-5.0	109
570-66529-11	B3-10	113
570-66529-12	B3-15	117
570-66529-13	B4-0.5	100
570-66529-14	B4-0.5DUP	143
570-66529-15	B4-5.0	69
570-66529-16	B4-10	96
570-66529-17	B4-15	90
570-66529-18	B5-0.5	143
570-66529-19	B5-5.0	97
570-66529-20	B5-10	74 p
570-66529-21	B5-15	93
570-66529-22	B6-0.5	154

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# Surrogate Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (20-163)
570-66529-23	B6-5.0	107
570-66529-24	B6-5.0DUP	154
570-66529-25	B6-10	155
570-66529-26	B6-15	69
LCS 570-170649/2-A	Lab Control Sample	102
LCS 570-172456/2-A	Lab Control Sample	113
LCSD 570-170649/3-A	Lab Control Sample Dup	114
LCSD 570-172456/3-A	Lab Control Sample Dup	87
MB 570-170649/1-A	Method Blank	114
MB 570-172456/1-A	Method Blank	38

#### Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

## Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (20-147)
570-66529-27	EB	65
LCS 570-170286/2-A	Lab Control Sample	66
LCSD 570-170286/3-A	Lab Control Sample Dup	72
MB 570-170286/1-A	Method Blank	67

#### Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-172219/7**  
**Matrix: Water**  
**Analysis Batch: 172219**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			08/18/21 01:05	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			08/18/21 01:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			08/18/21 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			08/18/21 01:05	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			08/18/21 01:05	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			08/18/21 01:05	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			08/18/21 01:05	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			08/18/21 01:05	1
1,2,3-Trichlorobenzene	ND		1.0	0.43	ug/L			08/18/21 01:05	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			08/18/21 01:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/L			08/18/21 01:05	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 01:05	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			08/18/21 01:05	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			08/18/21 01:05	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			08/18/21 01:05	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			08/18/21 01:05	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			08/18/21 01:05	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			08/18/21 01:05	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			08/18/21 01:05	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			08/18/21 01:05	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/18/21 01:05	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			08/18/21 01:05	1
2-Butanone	ND		20	3.6	ug/L			08/18/21 01:05	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			08/18/21 01:05	1
2-Hexanone	ND		10	3.1	ug/L			08/18/21 01:05	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			08/18/21 01:05	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			08/18/21 01:05	1
Acetone	ND		20	10	ug/L			08/18/21 01:05	1
Benzene	ND		0.50	0.20	ug/L			08/18/21 01:05	1
Bromobenzene	ND		1.0	0.30	ug/L			08/18/21 01:05	1
Bromochloromethane	ND		2.0	0.30	ug/L			08/18/21 01:05	1
Bromodichloromethane	ND		1.0	0.28	ug/L			08/18/21 01:05	1
Bromoform	ND		5.0	1.5	ug/L			08/18/21 01:05	1
Bromomethane	ND		25	15	ug/L			08/18/21 01:05	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			08/18/21 01:05	1
cis-1,3-Dichloropropane	ND		0.50	0.23	ug/L			08/18/21 01:05	1
Carbon disulfide	ND		10	0.40	ug/L			08/18/21 01:05	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			08/18/21 01:05	1
Chlorobenzene	ND		1.0	0.21	ug/L			08/18/21 01:05	1
Chloroethane	ND		5.0	2.4	ug/L			08/18/21 01:05	1
Chloroform	ND		1.0	0.50	ug/L			08/18/21 01:05	1
Chloromethane	ND		10	2.3	ug/L			08/18/21 01:05	1
Dibromochloromethane	ND		2.0	0.34	ug/L			08/18/21 01:05	1
Dibromomethane	ND		1.0	0.38	ug/L			08/18/21 01:05	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			08/18/21 01:05	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			08/18/21 01:05	1
Ethanol	ND		100	60	ug/L			08/18/21 01:05	1
Ethylbenzene	ND		1.0	0.33	ug/L			08/18/21 01:05	1

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-172219/7**  
**Matrix: Water**  
**Analysis Batch: 172219**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			08/18/21 01:05	1
Isopropylbenzene	ND		1.0	0.37	ug/L			08/18/21 01:05	1
Methylene Chloride	ND		10	4.0	ug/L			08/18/21 01:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			08/18/21 01:05	1
Naphthalene	ND		10	5.0	ug/L			08/18/21 01:05	1
n-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 01:05	1
N-Propylbenzene	ND		1.0	0.41	ug/L			08/18/21 01:05	1
o-Xylene	ND		1.0	0.26	ug/L			08/18/21 01:05	1
m,p-Xylene	ND		2.0	0.48	ug/L			08/18/21 01:05	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			08/18/21 01:05	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			08/18/21 01:05	1
Styrene	ND		1.0	0.38	ug/L			08/18/21 01:05	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			08/18/21 01:05	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			08/18/21 01:05	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			08/18/21 01:05	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			08/18/21 01:05	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			08/18/21 01:05	1
Tetrachloroethene	ND		1.0	0.35	ug/L			08/18/21 01:05	1
Toluene	ND		1.0	0.34	ug/L			08/18/21 01:05	1
Trichloroethene	ND		1.0	0.35	ug/L			08/18/21 01:05	1
Trichlorofluoromethane	ND		10	0.36	ug/L			08/18/21 01:05	1
Vinyl acetate	ND		10	4.6	ug/L			08/18/21 01:05	1
Vinyl chloride	ND		0.50	0.26	ug/L			08/18/21 01:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 123		08/18/21 01:05	1
4-Bromofluorobenzene (Surr)	90		80 - 120		08/18/21 01:05	1
Dibromofluoromethane (Surr)	96		78 - 120		08/18/21 01:05	1
Toluene-d8 (Surr)	98		80 - 120		08/18/21 01:05	1

**Lab Sample ID: LCS 570-172219/3**  
**Matrix: Water**  
**Analysis Batch: 172219**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	50.57		ug/L		101	64 - 121
1,2-Dibromoethane	50.0	51.44		ug/L		103	80 - 120
1,2-Dichlorobenzene	50.0	50.86		ug/L		102	80 - 120
1,2-Dichloroethane	50.0	51.71		ug/L		103	76 - 120
Benzene	50.0	51.70		ug/L		103	76 - 120
Carbon tetrachloride	50.0	49.08		ug/L		98	80 - 127
Chlorobenzene	50.0	49.18		ug/L		98	80 - 120
Di-isopropyl ether (DIPE)	50.0	49.01		ug/L		98	62 - 125
Ethanol	500	482.3		ug/L		96	50 - 120
Ethylbenzene	50.0	52.48		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	52.96		ug/L		106	55 - 132
Methyl-t-Butyl Ether (MTBE)	50.0	46.03		ug/L		92	64 - 120
o-Xylene	50.0	53.82		ug/L		108	80 - 121

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-172219/3**  
**Matrix: Water**  
**Analysis Batch: 172219**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	100	106.1		ug/L		106	74 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 123
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	89		78 - 120
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: LCSD 570-172219/4**  
**Matrix: Water**  
**Analysis Batch: 172219**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	52.74		ug/L		105	64 - 121	4	20
1,2-Dibromoethane	50.0	52.28		ug/L		105	80 - 120	2	20
1,2-Dichlorobenzene	50.0	51.47		ug/L		103	80 - 120	1	20
1,2-Dichloroethane	50.0	52.64		ug/L		105	76 - 120	2	20
Benzene	50.0	53.58		ug/L		107	76 - 120	4	20
Carbon tetrachloride	50.0	50.42		ug/L		101	80 - 127	3	20
Chlorobenzene	50.0	50.62		ug/L		101	80 - 120	3	20
Di-isopropyl ether (DIPE)	50.0	50.72		ug/L		101	62 - 125	3	20
Ethanol	500	488.2		ug/L		98	50 - 120	1	25
Ethylbenzene	50.0	54.72		ug/L		109	80 - 120	4	20
Ethyl-t-butyl ether (ETBE)	50.0	55.42		ug/L		111	55 - 132	5	20
Methyl-t-Butyl Ether (MTBE)	50.0	47.39		ug/L		95	64 - 120	3	20
o-Xylene	50.0	55.76		ug/L		112	80 - 121	4	20
m,p-Xylene	100	110.8		ug/L		111	74 - 122	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 123
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	89		78 - 120
Toluene-d8 (Surr)	101		80 - 120

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-169996/6**  
**Matrix: Solid**  
**Analysis Batch: 169996**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			08/09/21 20:58	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/09/21 20:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			08/09/21 20:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg			08/09/21 20:58	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			08/09/21 20:58	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			08/09/21 20:58	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			08/09/21 20:58	1

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-169996/6**  
**Matrix: Solid**  
**Analysis Batch: 169996**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			08/09/21 20:58	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			08/09/21 20:58	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			08/09/21 20:58	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			08/09/21 20:58	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/09/21 20:58	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			08/09/21 20:58	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			08/09/21 20:58	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/09/21 20:58	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			08/09/21 20:58	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			08/09/21 20:58	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/09/21 20:58	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/09/21 20:58	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			08/09/21 20:58	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			08/09/21 20:58	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			08/09/21 20:58	1
2-Butanone	ND		20	4.5	ug/Kg			08/09/21 20:58	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			08/09/21 20:58	1
2-Hexanone	ND		20	3.1	ug/Kg			08/09/21 20:58	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			08/09/21 20:58	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg			08/09/21 20:58	1
Acetone	ND		20	9.8	ug/Kg			08/09/21 20:58	1
Benzene	ND		1.0	0.26	ug/Kg			08/09/21 20:58	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/09/21 20:58	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			08/09/21 20:58	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg			08/09/21 20:58	1
Bromoform	ND		5.0	1.3	ug/Kg			08/09/21 20:58	1
Bromomethane	ND		20	6.6	ug/Kg			08/09/21 20:58	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			08/09/21 20:58	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			08/09/21 20:58	1
Carbon disulfide	ND		10	0.40	ug/Kg			08/09/21 20:58	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			08/09/21 20:58	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			08/09/21 20:58	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/09/21 20:58	1
Chloroform	ND		1.0	0.59	ug/Kg			08/09/21 20:58	1
Chloromethane	ND		20	1.5	ug/Kg			08/09/21 20:58	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			08/09/21 20:58	1
Dibromomethane	ND		1.0	0.31	ug/Kg			08/09/21 20:58	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			08/09/21 20:58	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			08/09/21 20:58	1
Ethanol	ND		250	66	ug/Kg			08/09/21 20:58	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			08/09/21 20:58	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			08/09/21 20:58	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg			08/09/21 20:58	1
Methylene Chloride	ND		10	3.1	ug/Kg			08/09/21 20:58	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			08/09/21 20:58	1
Naphthalene	ND		10	5.2	ug/Kg			08/09/21 20:58	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			08/09/21 20:58	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg			08/09/21 20:58	1
o-Xylene	ND		1.0	0.60	ug/Kg			08/09/21 20:58	1

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-169996/6**  
**Matrix: Solid**  
**Analysis Batch: 169996**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m,p-Xylene	ND		2.0	0.47	ug/Kg			08/09/21 20:58	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg			08/09/21 20:58	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg			08/09/21 20:58	1
Styrene	ND		1.0	0.70	ug/Kg			08/09/21 20:58	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			08/09/21 20:58	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			08/09/21 20:58	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			08/09/21 20:58	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			08/09/21 20:58	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			08/09/21 20:58	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			08/09/21 20:58	1
Toluene	ND		1.0	0.60	ug/Kg			08/09/21 20:58	1
Trichloroethene	ND		2.0	0.39	ug/Kg			08/09/21 20:58	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			08/09/21 20:58	1
Vinyl acetate	ND		10	3.9	ug/Kg			08/09/21 20:58	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			08/09/21 20:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		80 - 142		08/09/21 20:58	1
4-Bromofluorobenzene (Surr)	99		80 - 120		08/09/21 20:58	1
Dibromofluoromethane (Surr)	99		80 - 123		08/09/21 20:58	1
Toluene-d8 (Surr)	99		80 - 120		08/09/21 20:58	1

**Lab Sample ID: LCS 570-169996/3**  
**Matrix: Solid**  
**Analysis Batch: 169996**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	50.0	50.63		ug/Kg		101	80 - 123
1,2-Dichlorobenzene	50.0	46.18		ug/Kg		92	80 - 120
1,2-Dichloroethane	50.0	46.29		ug/Kg		93	80 - 125
Benzene	50.0	42.95		ug/Kg		86	79 - 120
Carbon tetrachloride	50.0	41.07		ug/Kg		82	69 - 132
Chlorobenzene	50.0	43.63		ug/Kg		87	80 - 120
Di-isopropyl ether (DIPE)	50.0	43.67		ug/Kg		87	62 - 128
Ethanol	500	420.2		ug/Kg		84	48 - 151
Ethylbenzene	50.0	42.22		ug/Kg		84	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	46.33		ug/Kg		93	66 - 123
Methyl-t-Butyl Ether (MTBE)	50.0	48.49		ug/Kg		97	68 - 120
o-Xylene	50.0	43.95		ug/Kg		88	79 - 120
m,p-Xylene	100	81.76		ug/Kg		82	79 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		80 - 142
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	98		80 - 123
Toluene-d8 (Surr)	102		80 - 120

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-169996/4**  
**Matrix: Solid**  
**Analysis Batch: 169996**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	44.14		ug/Kg		88	67 - 122	11	20
1,2-Dibromoethane	50.0	51.85		ug/Kg		104	80 - 123	2	20
1,2-Dichlorobenzene	50.0	48.49		ug/Kg		97	80 - 120	5	20
1,2-Dichloroethane	50.0	46.71		ug/Kg		93	80 - 125	1	20
Benzene	50.0	46.23		ug/Kg		92	79 - 120	7	20
Carbon tetrachloride	50.0	46.47		ug/Kg		93	69 - 132	12	20
Chlorobenzene	50.0	47.83		ug/Kg		96	80 - 120	9	20
Di-isopropyl ether (DIPE)	50.0	46.30		ug/Kg		93	62 - 128	6	20
Ethanol	500	440.9		ug/Kg		88	48 - 151	5	29
Ethylbenzene	50.0	46.35		ug/Kg		93	80 - 120	9	20
Ethyl-t-butyl ether (ETBE)	50.0	49.25		ug/Kg		99	66 - 123	6	20
Methyl-t-Butyl Ether (MTBE)	50.0	48.54		ug/Kg		97	68 - 120	0	20
o-Xylene	50.0	47.24		ug/Kg		94	79 - 120	7	20
m,p-Xylene	100	92.30		ug/Kg		92	79 - 120	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	100		80 - 142
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	99		80 - 123
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: MB 570-170095/9**  
**Matrix: Solid**  
**Analysis Batch: 170095**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			08/10/21 12:54	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/10/21 12:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			08/10/21 12:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg			08/10/21 12:54	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			08/10/21 12:54	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			08/10/21 12:54	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			08/10/21 12:54	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			08/10/21 12:54	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			08/10/21 12:54	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			08/10/21 12:54	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			08/10/21 12:54	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/10/21 12:54	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			08/10/21 12:54	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			08/10/21 12:54	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/10/21 12:54	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			08/10/21 12:54	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			08/10/21 12:54	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/10/21 12:54	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/10/21 12:54	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			08/10/21 12:54	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			08/10/21 12:54	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			08/10/21 12:54	1

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# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-170095/9**  
**Matrix: Solid**  
**Analysis Batch: 170095**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20	4.5	ug/Kg			08/10/21 12:54	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			08/10/21 12:54	1
2-Hexanone	ND		20	3.1	ug/Kg			08/10/21 12:54	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			08/10/21 12:54	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg			08/10/21 12:54	1
Acetone	ND		20	9.8	ug/Kg			08/10/21 12:54	1
Benzene	ND		1.0	0.26	ug/Kg			08/10/21 12:54	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/10/21 12:54	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			08/10/21 12:54	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg			08/10/21 12:54	1
Bromoform	ND		5.0	1.3	ug/Kg			08/10/21 12:54	1
Bromomethane	ND		20	6.6	ug/Kg			08/10/21 12:54	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			08/10/21 12:54	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			08/10/21 12:54	1
Carbon disulfide	ND		10	0.40	ug/Kg			08/10/21 12:54	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			08/10/21 12:54	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			08/10/21 12:54	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/10/21 12:54	1
Chloroform	ND		1.0	0.59	ug/Kg			08/10/21 12:54	1
Chloromethane	ND		20	1.5	ug/Kg			08/10/21 12:54	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			08/10/21 12:54	1
Dibromomethane	ND		1.0	0.31	ug/Kg			08/10/21 12:54	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			08/10/21 12:54	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			08/10/21 12:54	1
Ethanol	ND		250	66	ug/Kg			08/10/21 12:54	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			08/10/21 12:54	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			08/10/21 12:54	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg			08/10/21 12:54	1
Methylene Chloride	ND		10	3.1	ug/Kg			08/10/21 12:54	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			08/10/21 12:54	1
Naphthalene	ND		10	5.2	ug/Kg			08/10/21 12:54	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			08/10/21 12:54	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg			08/10/21 12:54	1
o-Xylene	ND		1.0	0.60	ug/Kg			08/10/21 12:54	1
m,p-Xylene	ND		2.0	0.47	ug/Kg			08/10/21 12:54	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg			08/10/21 12:54	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg			08/10/21 12:54	1
Styrene	ND		1.0	0.70	ug/Kg			08/10/21 12:54	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			08/10/21 12:54	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			08/10/21 12:54	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			08/10/21 12:54	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			08/10/21 12:54	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			08/10/21 12:54	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			08/10/21 12:54	1
Toluene	ND		1.0	0.60	ug/Kg			08/10/21 12:54	1
Trichloroethene	ND		2.0	0.39	ug/Kg			08/10/21 12:54	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			08/10/21 12:54	1
Vinyl acetate	ND		10	3.9	ug/Kg			08/10/21 12:54	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			08/10/21 12:54	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 142		08/10/21 12:54	1
4-Bromofluorobenzene (Surr)	98		80 - 120		08/10/21 12:54	1
Dibromofluoromethane (Surr)	95		80 - 123		08/10/21 12:54	1
Toluene-d8 (Surr)	98		80 - 120		08/10/21 12:54	1

**Lab Sample ID: LCS 570-170095/4**  
**Matrix: Solid**  
**Analysis Batch: 170095**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	47.66		ug/Kg		95	67 - 122
1,2-Dibromoethane	50.0	50.55		ug/Kg		101	80 - 123
1,2-Dichlorobenzene	50.0	49.79		ug/Kg		100	80 - 120
1,2-Dichloroethane	50.0	47.40		ug/Kg		95	80 - 125
Benzene	50.0	46.56		ug/Kg		93	79 - 120
Carbon tetrachloride	50.0	48.37		ug/Kg		97	69 - 132
Chlorobenzene	50.0	47.52		ug/Kg		95	80 - 120
Di-isopropyl ether (DIPE)	50.0	52.39		ug/Kg		105	62 - 128
Ethanol	500	521.3		ug/Kg		104	48 - 151
Ethylbenzene	50.0	48.66		ug/Kg		97	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	52.99		ug/Kg		106	66 - 123
Methyl-t-Butyl Ether (MTBE)	50.0	51.91		ug/Kg		104	68 - 120
o-Xylene	50.0	52.34		ug/Kg		105	79 - 120
m,p-Xylene	100	99.97		ug/Kg		100	79 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 142
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 123
Toluene-d8 (Surr)	102		80 - 120

**Lab Sample ID: LCSD 570-170095/5**  
**Matrix: Solid**  
**Analysis Batch: 170095**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	47.74		ug/Kg		95	67 - 122	0	20
1,2-Dibromoethane	50.0	50.88		ug/Kg		102	80 - 123	1	20
1,2-Dichlorobenzene	50.0	49.69		ug/Kg		99	80 - 120	0	20
1,2-Dichloroethane	50.0	47.45		ug/Kg		95	80 - 125	0	20
Benzene	50.0	46.68		ug/Kg		93	79 - 120	0	20
Carbon tetrachloride	50.0	48.63		ug/Kg		97	69 - 132	1	20
Chlorobenzene	50.0	47.11		ug/Kg		94	80 - 120	1	20
Di-isopropyl ether (DIPE)	50.0	52.52		ug/Kg		105	62 - 128	0	20
Ethanol	500	502.1		ug/Kg		100	48 - 151	4	29
Ethylbenzene	50.0	48.28		ug/Kg		97	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)	50.0	53.87		ug/Kg		108	66 - 123	2	20
Methyl-t-Butyl Ether (MTBE)	50.0	52.27		ug/Kg		105	68 - 120	1	20
o-Xylene	50.0	52.30		ug/Kg		105	79 - 120	0	20
m,p-Xylene	100	98.73		ug/Kg		99	79 - 120	1	20

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8260B/5035 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-170095/5**  
**Matrix: Solid**  
**Analysis Batch: 170095**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 142
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 123
Toluene-d8 (Surr)	102		80 - 120

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-170262/35**  
**Matrix: Water**  
**Analysis Batch: 170262**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	30	ug/L			08/11/21 02:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68		38 - 134		08/11/21 02:32	1

**Lab Sample ID: LCS 570-170262/33**  
**Matrix: Water**  
**Analysis Batch: 170262**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	2130	1598	*	ug/L		75	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	76		38 - 134

**Lab Sample ID: LCSD 570-170262/34**  
**Matrix: Water**  
**Analysis Batch: 170262**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	2130	1730		ug/L		81	78 - 120	8	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		38 - 134

## Method: 8015B/5035 - Gasoline Range Organics (GC)

**Lab Sample ID: MB 570-170394/5**  
**Matrix: Solid**  
**Analysis Batch: 170394**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.055	mg/Kg			08/11/21 10:01	1

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC) (Continued)

**Lab Sample ID: MB 570-170394/5**  
**Matrix: Solid**  
**Analysis Batch: 170394**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69		42 - 126		08/11/21 10:01	1

**Lab Sample ID: LCS 570-170394/3**  
**Matrix: Solid**  
**Analysis Batch: 170394**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS Result Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	2.12	1.925	mg/Kg		91	70 - 124

Surrogate	%Recovery	LCS LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		42 - 126

**Lab Sample ID: LCSD 570-170394/4**  
**Matrix: Solid**  
**Analysis Batch: 170394**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD LCSD Result Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	2.12	1.951	mg/Kg		92	70 - 124	1	18

Surrogate	%Recovery	LCSD LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		42 - 126

**Lab Sample ID: MB 570-170423/5**  
**Matrix: Solid**  
**Analysis Batch: 170423**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB MB Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND	0.10	0.055	mg/Kg			08/11/21 11:00	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		42 - 126		08/11/21 11:00	1

**Lab Sample ID: LCS 570-170423/3**  
**Matrix: Solid**  
**Analysis Batch: 170423**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS Result Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	2.12	1.805	mg/Kg		85	70 - 124

Surrogate	%Recovery	LCS LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		42 - 126

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B/5035 - Gasoline Range Organics (GC) (Continued)

**Lab Sample ID: LCSD 570-170423/4**  
**Matrix: Solid**  
**Analysis Batch: 170423**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	2.11	1.923		mg/Kg		91	70 - 124	6	18
<b>Surrogate</b>		<b>%Recovery</b>	<b>LCSD Qualifier</b>						
4-Bromofluorobenzene (Surr)		99							42 - 126

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-170934/1-A**  
**Matrix: Water**  
**Analysis Batch: 171142**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170934**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		50	36	ug/L		08/12/21 17:33	08/13/21 13:01	1
ORO (C23-C44)	ND		50	36	ug/L		08/12/21 17:33	08/13/21 13:01	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>MB Qualifier</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
n-Octacosane (Surr)		102					08/12/21 17:33	08/13/21 13:01	1

**Lab Sample ID: LCS 570-170934/2-A**  
**Matrix: Water**  
**Analysis Batch: 171142**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170934**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	4000	4020		ug/L		101	70 - 131
<b>Surrogate</b>		<b>%Recovery</b>	<b>LCS Qualifier</b>				
n-Octacosane (Surr)		105					53 - 151

**Lab Sample ID: LCSD 570-170934/3-A**  
**Matrix: Water**  
**Analysis Batch: 171142**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170934**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	4000	4318		ug/L		108	70 - 131	7	20
<b>Surrogate</b>		<b>%Recovery</b>	<b>LCSD Qualifier</b>						
n-Octacosane (Surr)		105							53 - 151

**Lab Sample ID: MB 570-172535/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172538**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172535**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		08/18/21 18:23	08/18/21 22:52	1
ORO (C23-C44)	ND		5.0	3.8	mg/Kg		08/18/21 18:23	08/18/21 22:52	1

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 570-172535/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172538**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172535**

		MB	MB					
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>		
<i>n-Octacosane (Surr)</i>	94		60 - 138	08/18/21 18:23	08/18/21 22:52	1		

**Lab Sample ID: LCS 570-172535/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172538**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172535**

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>	<i>%Rec.</i>	<i>RPD</i>
Diesel Range Organics [C10-C28]	400	454.2		mg/Kg		114	80 - 130		
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
<i>n-Octacosane (Surr)</i>	108		60 - 138						

**Lab Sample ID: LCSD 570-172535/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172538**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172535**

<i>Analyte</i>	<i>Spike Added</i>	<i>LCSD Result</i>	<i>LCSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>	<i>RPD</i>	<i>Limit</i>
Diesel Range Organics [C10-C28]	400	449.5		mg/Kg		112	80 - 130	1	20
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
<i>n-Octacosane (Surr)</i>	99		60 - 138						

**Lab Sample ID: MB 570-172775/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172868**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172775**

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		08/19/21 12:52	08/19/21 21:17	1
ORO (C23-C44)	ND		5.0	3.8	mg/Kg		08/19/21 12:52	08/19/21 21:17	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
<i>n-Octacosane (Surr)</i>	112		60 - 138						

**Lab Sample ID: LCS 570-172775/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172868**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172775**

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>	<i>%Rec.</i>	<i>RPD</i>
Diesel Range Organics [C10-C28]	400	457.3		mg/Kg		114	80 - 130		
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
<i>n-Octacosane (Surr)</i>	101		60 - 138						

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-172775/3-A

Matrix: Solid  
Analysis Batch: 172868

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA  
Prep Batch: 172775

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	400	449.1		mg/Kg		112	80 - 130	2	20
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>					
<i>n-Octacosane (Surr)</i>		99		60 - 138					

Lab Sample ID: 570-66529-11 MS

Matrix: Solid  
Analysis Batch: 172868

Client Sample ID: B3-10

Prep Type: Total/NA  
Prep Batch: 172775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	ND		405	441.6		mg/Kg		109	43 - 165
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>					
<i>n-Octacosane (Surr)</i>		95		60 - 138					

Lab Sample ID: 570-66529-11 MSD

Matrix: Solid  
Analysis Batch: 172868

Client Sample ID: B3-10

Prep Type: Total/NA  
Prep Batch: 172775

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		400	465.7		mg/Kg		116	43 - 165	5	35
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
<i>n-Octacosane (Surr)</i>		101		60 - 138							

## Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-170182/1-A

Matrix: Solid  
Analysis Batch: 170251

Client Sample ID: Method Blank

Prep Type: Total/NA  
Prep Batch: 170182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.99	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
4,4'-DDE	ND		5.0	0.54	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:04	08/11/21 10:07	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 570-170182/1-A**  
**Matrix: Solid**  
**Analysis Batch: 170251**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170182**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Endrin ketone	ND		5.0	0.48	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Heptachlor	ND		5.0	0.89	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Heptachlor epoxide	ND		5.0	0.67	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:04	08/11/21 10:07	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:04	08/11/21 10:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	83		38 - 148	08/10/21 13:04	08/11/21 10:07	1
DCB Decachlorobiphenyl (Surr)	86		37 - 151	08/10/21 13:04	08/11/21 10:07	1

**Lab Sample ID: LCS 570-170182/2-A**  
**Matrix: Solid**  
**Analysis Batch: 170251**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170182**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
4,4'-DDD	25.0	22.40		ug/Kg		90	54 - 154	
4,4'-DDE	25.0	21.70		ug/Kg		87	51 - 149	
4,4'-DDT	25.0	23.22		ug/Kg		93	39 - 152	
Aldrin	25.0	20.94		ug/Kg		84	52 - 138	
alpha-BHC	25.0	21.77		ug/Kg		87	51 - 140	
alpha-Chlordane	25.0	21.08		ug/Kg		84	53 - 141	
beta-BHC	25.0	20.11		ug/Kg		80	53 - 141	
delta-BHC	25.0	21.35		ug/Kg		85	20 - 132	
Dieldrin	25.0	21.17		ug/Kg		85	52 - 144	
Endosulfan I	25.0	20.99		ug/Kg		84	49 - 139	
Endosulfan II	25.0	20.79		ug/Kg		83	51 - 150	
Endosulfan sulfate	25.0	21.74		ug/Kg		87	45 - 139	
Endrin	25.0	21.97		ug/Kg		88	53 - 151	
Endrin aldehyde	25.0	20.46		ug/Kg		82	31 - 146	
gamma-Chlordane	25.0	21.03		ug/Kg		84	46 - 156	
gamma-BHC	25.0	21.41		ug/Kg		86	53 - 141	
Heptachlor	25.0	21.40		ug/Kg		86	52 - 144	
Heptachlor epoxide	25.0	21.04		ug/Kg		84	54 - 141	
Methoxychlor	25.0	23.53		ug/Kg		94	47 - 148	

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	87		38 - 148
DCB Decachlorobiphenyl (Surr)	86		37 - 151

**Lab Sample ID: LCSD 570-170182/3-A**  
**Matrix: Solid**  
**Analysis Batch: 170251**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170182**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
		Result	Qualifier							
4,4'-DDD	25.0	22.18		ug/Kg		89	54 - 154	1	30	

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 570-170182/3-A**  
**Matrix: Solid**  
**Analysis Batch: 170251**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170182**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDE	25.0	21.42		ug/Kg		86	51 - 149	1	28
4,4'-DDT	25.0	23.01		ug/Kg		92	39 - 152	1	31
Aldrin	25.0	20.30		ug/Kg		81	52 - 138	3	30
alpha-BHC	25.0	21.32		ug/Kg		85	51 - 140	2	29
alpha-Chlordane	25.0	20.62		ug/Kg		82	53 - 141	2	28
beta-BHC	25.0	19.85		ug/Kg		79	53 - 141	1	29
delta-BHC	25.0	21.20		ug/Kg		85	20 - 132	1	40
Dieldrin	25.0	20.79		ug/Kg		83	52 - 144	2	28
Endosulfan I	25.0	20.67		ug/Kg		83	49 - 139	2	28
Endosulfan II	25.0	20.61		ug/Kg		82	51 - 150	1	29
Endosulfan sulfate	25.0	21.49		ug/Kg		86	45 - 139	1	30
Endrin	25.0	21.71		ug/Kg		87	53 - 151	1	29
Endrin aldehyde	25.0	20.23		ug/Kg		81	31 - 146	1	40
gamma-Chlordane	25.0	20.56		ug/Kg		82	46 - 156	2	39
gamma-BHC	25.0	21.07		ug/Kg		84	53 - 141	2	29
Heptachlor	25.0	20.99		ug/Kg		84	52 - 144	2	29
Heptachlor epoxide	25.0	20.70		ug/Kg		83	54 - 141	2	29
Methoxychlor	25.0	23.44		ug/Kg		94	47 - 148	0	29

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Tetrachloro-m-xylene	84		38 - 148
DCB Decachlorobiphenyl (Surr)	86		37 - 151

**Lab Sample ID: MB 570-170188/1-A**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.99	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
4,4'-DDE	ND		5.0	0.54	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Aldrin	ND		5.0	0.72	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Chlordane	ND		25	2.4	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endrin	ND		5.0	0.33	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Endrin ketone	ND		5.0	0.48	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Heptachlor	ND		5.0	0.89	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Heptachlor epoxide	ND		5.0	0.67	ug/Kg		08/10/21 13:09	08/11/21 18:36	1

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# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 570-170188/1-A**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methoxychlor	ND		5.0	0.81	ug/Kg		08/10/21 13:09	08/11/21 18:36	1
Toxaphene	ND		25	20	ug/Kg		08/10/21 13:09	08/11/21 18:36	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	84		38 - 148	08/10/21 13:09	08/11/21 18:36	1
DCB Decachlorobiphenyl (Surr)	95		37 - 151	08/10/21 13:09	08/11/21 18:36	1

**Lab Sample ID: LCS 570-170188/2-A**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
4,4'-DDD	25.0	23.65		ug/Kg		95	54 - 154
4,4'-DDE	25.0	22.98		ug/Kg		92	51 - 149
4,4'-DDT	25.0	24.02		ug/Kg		96	39 - 152
Aldrin	25.0	22.11		ug/Kg		88	52 - 138
alpha-BHC	25.0	23.28		ug/Kg		93	51 - 140
alpha-Chlordane	25.0	22.45		ug/Kg		90	53 - 141
beta-BHC	25.0	22.36		ug/Kg		89	53 - 141
delta-BHC	25.0	23.64		ug/Kg		95	20 - 132
Dieldrin	25.0	22.58		ug/Kg		90	52 - 144
Endosulfan I	25.0	22.32		ug/Kg		89	49 - 139
Endosulfan II	25.0	22.41		ug/Kg		90	51 - 150
Endosulfan sulfate	25.0	23.45		ug/Kg		94	45 - 139
Endrin	25.0	23.56		ug/Kg		94	53 - 151
Endrin aldehyde	25.0	21.51		ug/Kg		86	31 - 146
gamma-Chlordane	25.0	22.49		ug/Kg		90	46 - 156
gamma-BHC	25.0	24.11		ug/Kg		96	53 - 141
Heptachlor	25.0	22.84		ug/Kg		91	52 - 144
Heptachlor epoxide	25.0	22.47		ug/Kg		90	54 - 141
Methoxychlor	25.0	24.01		ug/Kg		96	47 - 148

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	93		38 - 148
DCB Decachlorobiphenyl (Surr)	92		37 - 151

**Lab Sample ID: LCSD 570-170188/3-A**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	RPD Limit
		Result	Qualifier						
4,4'-DDD	25.0	25.23		ug/Kg		101	54 - 154	6	30
4,4'-DDE	25.0	24.29		ug/Kg		97	51 - 149	6	28
4,4'-DDT	25.0	25.51		ug/Kg		102	39 - 152	6	31
Aldrin	25.0	23.25		ug/Kg		93	52 - 138	5	30
alpha-BHC	25.0	24.48		ug/Kg		98	51 - 140	5	29
alpha-Chlordane	25.0	23.74		ug/Kg		95	53 - 141	6	28
beta-BHC	25.0	23.62		ug/Kg		94	53 - 141	5	29

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 570-170188/3-A**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	25.0	24.99		ug/Kg		100	20 - 132	6	40
Dieldrin	25.0	23.92		ug/Kg		96	52 - 144	6	28
Endosulfan I	25.0	23.55		ug/Kg		94	49 - 139	5	28
Endosulfan II	25.0	23.95		ug/Kg		96	51 - 150	7	29
Endosulfan sulfate	25.0	25.13		ug/Kg		101	45 - 139	7	30
Endrin	25.0	24.97		ug/Kg		100	53 - 151	6	29
Endrin aldehyde	25.0	22.97		ug/Kg		92	31 - 146	7	40
gamma-Chlordane	25.0	23.84		ug/Kg		95	46 - 156	6	39
gamma-BHC	25.0	25.38		ug/Kg		102	53 - 141	5	29
Heptachlor	25.0	24.00		ug/Kg		96	52 - 144	5	29
Heptachlor epoxide	25.0	23.69		ug/Kg		95	54 - 141	5	29
Methoxychlor	25.0	25.84		ug/Kg		103	47 - 148	7	29

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Tetrachloro-m-xylene	95		38 - 148
DCB Decachlorobiphenyl (Surr)	95		37 - 151

**Lab Sample ID: 570-66529-14 MS**  
**Matrix: Solid**  
**Analysis Batch: 170595**

**Client Sample ID: B4-0.5DUP**  
**Prep Type: Total/NA**  
**Prep Batch: 170188**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		24.7	20.05		ug/Kg		81	27 - 144
4,4'-DDE	ND		24.7	19.72		ug/Kg		80	28 - 141
4,4'-DDT	ND		24.7	20.36		ug/Kg		82	10 - 154
Aldrin	ND		24.7	18.16		ug/Kg		74	26 - 125
alpha-BHC	ND		24.7	18.70		ug/Kg		76	24 - 125
alpha-Chlordane	ND		24.7	18.60		ug/Kg		75	17 - 144
beta-BHC	ND		24.7	18.24		ug/Kg		74	28 - 125
delta-BHC	ND		24.7	18.40		ug/Kg		75	10 - 125
Dieldrin	ND		24.7	19.46		ug/Kg		79	19 - 145
Endosulfan I	ND		24.7	18.95		ug/Kg		77	25 - 125
Endosulfan II	ND		24.7	19.17		ug/Kg		78	13 - 142
Endosulfan sulfate	ND		24.7	18.59		ug/Kg		75	14 - 126
Endrin	ND		24.7	20.35		ug/Kg		82	28 - 139
Endrin aldehyde	ND		24.7	18.59		ug/Kg		75	12 - 125
gamma-Chlordane	ND		24.7	18.69		ug/Kg		76	10 - 160
gamma-BHC	ND		24.7	18.58		ug/Kg		75	24 - 125
Heptachlor	ND		24.7	18.77		ug/Kg		76	19 - 127
Heptachlor epoxide	ND		24.7	18.65		ug/Kg		76	33 - 123
Methoxychlor	ND		24.7	20.88		ug/Kg		85	19 - 128

Surrogate	MS %Recovery	MS Qualifier	MS Limits
Tetrachloro-m-xylene	74		38 - 148
DCB Decachlorobiphenyl (Surr)	81		37 - 151

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-66529-14 MSD

Matrix: Solid

Analysis Batch: 170595

Client Sample ID: B4-0.5DUP

Prep Type: Total/NA

Prep Batch: 170188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		24.7	18.30		ug/Kg		74	27 - 144	9	40
4,4'-DDE	ND		24.7	17.91		ug/Kg		72	28 - 141	10	32
4,4'-DDT	ND		24.7	18.60		ug/Kg		75	10 - 154	9	40
Aldrin	ND		24.7	17.06		ug/Kg		69	26 - 125	6	40
alpha-BHC	ND		24.7	17.49		ug/Kg		71	24 - 125	7	40
alpha-Chlordane	ND		24.7	17.23		ug/Kg		70	17 - 144	8	40
beta-BHC	ND		24.7	17.01		ug/Kg		69	28 - 125	7	39
delta-BHC	ND		24.7	18.09		ug/Kg		73	10 - 125	2	40
Dieldrin	ND		24.7	17.86		ug/Kg		72	19 - 145	9	39
Endosulfan I	ND		24.7	17.36		ug/Kg		70	25 - 125	9	39
Endosulfan II	ND		24.7	18.00		ug/Kg		73	13 - 142	6	40
Endosulfan sulfate	ND		24.7	17.89		ug/Kg		72	14 - 126	4	38
Endrin	ND		24.7	18.42		ug/Kg		75	28 - 139	10	40
Endrin aldehyde	ND		24.7	16.36		ug/Kg		66	12 - 125	13	40
gamma-Chlordane	ND		24.7	17.36		ug/Kg		70	10 - 160	7	40
gamma-BHC	ND		24.7	17.37		ug/Kg		70	24 - 125	7	40
Heptachlor	ND		24.7	17.47		ug/Kg		71	19 - 127	7	40
Heptachlor epoxide	ND		24.7	17.16		ug/Kg		69	33 - 123	8	34
Methoxychlor	ND		24.7	18.73		ug/Kg		76	19 - 128	11	40

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
Tetrachloro-m-xylene	70		38 - 148
DCB Decachlorobiphenyl (Surr)	82		37 - 151

Lab Sample ID: MB 570-170734/1-A

Matrix: Water

Analysis Batch: 170956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 170734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.014	ug/L		08/12/21 08:51	08/13/21 13:54	1
4,4'-DDE	ND		0.020	0.0085	ug/L		08/12/21 08:51	08/13/21 13:54	1
4,4'-DDT	ND		0.050	0.026	ug/L		08/12/21 08:51	08/13/21 13:54	1
Aldrin	ND		0.050	0.011	ug/L		08/12/21 08:51	08/13/21 13:54	1
alpha-BHC	ND		0.020	0.0095	ug/L		08/12/21 08:51	08/13/21 13:54	1
alpha-Chlordane	ND		0.020	0.0075	ug/L		08/12/21 08:51	08/13/21 13:54	1
beta-BHC	ND		0.020	0.0075	ug/L		08/12/21 08:51	08/13/21 13:54	1
Chlordane	ND		0.10	0.037	ug/L		08/12/21 08:51	08/13/21 13:54	1
delta-BHC	ND		0.020	0.0075	ug/L		08/12/21 08:51	08/13/21 13:54	1
Dieldrin	ND		0.050	0.012	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endosulfan I	ND		0.050	0.012	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endosulfan II	ND		0.050	0.011	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endosulfan sulfate	ND		0.050	0.014	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endrin	ND		0.020	0.010	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endrin aldehyde	ND		0.10	0.032	ug/L		08/12/21 08:51	08/13/21 13:54	1
Endrin ketone	ND		0.050	0.013	ug/L		08/12/21 08:51	08/13/21 13:54	1
gamma-Chlordane	ND		0.050	0.014	ug/L		08/12/21 08:51	08/13/21 13:54	1
gamma-BHC	ND		0.020	0.0070	ug/L		08/12/21 08:51	08/13/21 13:54	1
Heptachlor	ND		0.020	0.0075	ug/L		08/12/21 08:51	08/13/21 13:54	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 570-170734/1-A**  
**Matrix: Water**  
**Analysis Batch: 170956**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170734**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.020	0.0080	ug/L		08/12/21 08:51	08/13/21 13:54	1
Methoxychlor	ND		0.050	0.020	ug/L		08/12/21 08:51	08/13/21 13:54	1
Toxaphene	ND		0.30	0.15	ug/L		08/12/21 08:51	08/13/21 13:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		49 - 132	08/12/21 08:51	08/13/21 13:54	1
DCB Decachlorobiphenyl (Surr)	72		10 - 142	08/12/21 08:51	08/13/21 13:54	1

**Lab Sample ID: LCS 570-170734/2-A**  
**Matrix: Water**  
**Analysis Batch: 170956**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170734**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	0.250	0.2378		ug/L		95	27 - 162
4,4'-DDE	0.250	0.2266		ug/L		91	23 - 160
4,4'-DDT	0.250	0.1924		ug/L		77	11 - 173
Aldrin	0.250	0.1966		ug/L		79	31 - 135
alpha-BHC	0.250	0.2137		ug/L		85	28 - 147
alpha-Chlordane	0.250	0.2192		ug/L		88	26 - 151
beta-BHC	0.250	0.2112		ug/L		84	26 - 151
delta-BHC	0.250	0.2251		ug/L		90	10 - 140
Dieldrin	0.250	0.2239		ug/L		90	24 - 157
Endosulfan I	0.250	0.2233		ug/L		89	26 - 150
Endosulfan II	0.250	0.2230		ug/L		89	27 - 160
Endosulfan sulfate	0.250	0.2356		ug/L		94	25 - 146
Endrin	0.250	0.2373		ug/L		95	24 - 170
Endrin aldehyde	0.250	0.2201		ug/L		88	23 - 153
gamma-Chlordane	0.250	0.2176		ug/L		87	22 - 159
gamma-BHC	0.250	0.2221		ug/L		89	28 - 151
Heptachlor	0.250	0.2012		ug/L		80	26 - 145
Heptachlor epoxide	0.250	0.2217		ug/L		89	26 - 157
Methoxychlor	0.250	0.2448		ug/L		98	31 - 155

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	91		49 - 132
DCB Decachlorobiphenyl (Surr)	90		10 - 142

**Lab Sample ID: LCSD 570-170734/3-A**  
**Matrix: Water**  
**Analysis Batch: 170956**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170734**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
4,4'-DDD	0.250	0.1785		ug/L		71	27 - 162	28	30
4,4'-DDE	0.250	0.1683	*1	ug/L		67	23 - 160	30	28
4,4'-DDT	0.250	0.1469		ug/L		59	11 - 173	27	40
Aldrin	0.250	0.1424	*1	ug/L		57	31 - 135	32	26
alpha-BHC	0.250	0.1589	*1	ug/L		64	28 - 147	29	26
alpha-Chlordane	0.250	0.1634		ug/L		65	26 - 151	29	29

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 570-170734/3-A**  
**Matrix: Water**  
**Analysis Batch: 170956**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170734**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
beta-BHC	0.250	0.1621		ug/L		65	26 - 151	26	26
delta-BHC	0.250	0.1707		ug/L		68	10 - 140	28	36
Dieldrin	0.250	0.1654	*1	ug/L		66	24 - 157	30	27
Endosulfan I	0.250	0.1678	*1	ug/L		67	26 - 150	28	25
Endosulfan II	0.250	0.1684	*1	ug/L		67	27 - 160	28	27
Endosulfan sulfate	0.250	0.1791		ug/L		72	25 - 146	27	27
Endrin	0.250	0.1760		ug/L		70	24 - 170	30	40
Endrin aldehyde	0.250	0.1629	*1	ug/L		65	23 - 153	30	25
gamma-Chlordane	0.250	0.1623		ug/L		65	22 - 159	29	30
gamma-BHC	0.250	0.1650	*1	ug/L		66	28 - 151	30	26
Heptachlor	0.250	0.1461	*1	ug/L		58	26 - 145	32	26
Heptachlor epoxide	0.250	0.1668		ug/L		67	26 - 157	28	30
Methoxychlor	0.250	0.1928		ug/L		77	31 - 155	24	26

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Tetrachloro-m-xylene	60		49 - 132
DCB Decachlorobiphenyl (Surr)	70		10 - 142

## Method: 8141A - Organophosphorous Pesticides (GC)

**Lab Sample ID: MB 570-169934/1-A**  
**Matrix: Solid**  
**Analysis Batch: 170281**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 169934**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Bolstar	ND		0.50	0.25	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Chlorpyrifos	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Coumaphos	ND		0.50	0.20	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Demeton-o/s	ND		1.0	0.27	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Diazinon	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Dichlorvos	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Disulfoton	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Ethoprop	ND		0.50	0.11	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Fensulfothion	ND		0.50	0.18	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Fenthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Merphos	ND		0.50	0.22	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Methyl parathion	ND		0.50	0.25	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Mevinphos	ND		0.50	0.10	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Naled	ND		4.0	0.41	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Phorate	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Ronnel	ND		0.50	0.14	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Tokuthion	ND		0.50	0.13	mg/Kg		08/09/21 14:28	08/12/21 21:53	1
Trichloronate	ND		0.50	0.12	mg/Kg		08/09/21 14:28	08/12/21 21:53	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	91		20 - 158	08/09/21 14:28	08/12/21 21:53	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Lab Sample ID: LCS 570-169934/2-A**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 169934**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Azinphos-methyl	4.00	4.039		mg/Kg		101	59 - 156
Bolstar	4.00	3.531		mg/Kg		88	45 - 145
Chlorpyrifos	4.00	3.060		mg/Kg		77	42 - 139
Coumaphos	4.00	3.999		mg/Kg		100	64 - 149
Diazinon	4.00	3.245		mg/Kg		81	36 - 149
Disulfoton	4.00	3.525		mg/Kg		88	45 - 132
Ethoprop	4.00	3.373		mg/Kg		84	41 - 138
Fensulfothion	4.00	3.827		mg/Kg		96	53 - 151
Fenthion	4.00	3.261		mg/Kg		82	49 - 150
Merphos	4.00	4.234		mg/Kg		106	20 - 180
Methyl parathion	4.00	3.655		mg/Kg		91	48 - 149
Phorate	4.00	3.123		mg/Kg		78	42 - 137
Ronnel	4.00	3.272		mg/Kg		82	45 - 141
Stirophos	4.00	4.286		mg/Kg		107	43 - 166
Tokuthion	4.00	3.218		mg/Kg		80	50 - 131
Trichloronate	4.00	3.570		mg/Kg		89	45 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tributylphosphate	82		20 - 158

**Lab Sample ID: LCSD 570-169934/3-A**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 169934**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Azinphos-methyl	4.00	4.145		mg/Kg		104	59 - 156	3	27
Bolstar	4.00	3.562		mg/Kg		89	45 - 145	1	24
Chlorpyrifos	4.00	3.143		mg/Kg		79	42 - 139	3	28
Coumaphos	4.00	3.890		mg/Kg		97	64 - 149	3	26
Diazinon	4.00	3.295		mg/Kg		82	36 - 149	2	28
Disulfoton	4.00	3.619		mg/Kg		90	45 - 132	3	27
Ethoprop	4.00	3.219		mg/Kg		80	41 - 138	5	26
Fensulfothion	4.00	3.964		mg/Kg		99	53 - 151	3	23
Fenthion	4.00	3.318		mg/Kg		83	49 - 150	2	30
Merphos	4.00	4.363		mg/Kg		109	20 - 180	3	30
Methyl parathion	4.00	3.757		mg/Kg		94	48 - 149	3	30
Phorate	4.00	3.205		mg/Kg		80	42 - 137	3	29
Ronnel	4.00	3.263		mg/Kg		82	45 - 141	0	30
Stirophos	4.00	4.374		mg/Kg		109	43 - 166	2	25
Tokuthion	4.00	3.280		mg/Kg		82	50 - 131	2	20
Trichloronate	4.00	3.839		mg/Kg		96	45 - 138	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tributylphosphate	83		20 - 158





# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Lab Sample ID: MB 570-169935/1-A**  
**Matrix: Solid**  
**Analysis Batch: 170281**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 169935**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Azinphos-methyl	ND		0.50	0.18	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Bolstar	ND		0.50	0.25	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Chlorpyrifos	ND		0.50	0.12	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Coumaphos	ND		0.50	0.20	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Demeton-o/s	ND		1.0	0.27	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Diazinon	ND		0.50	0.10	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Dichlorvos	ND		0.50	0.11	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Disulfoton	ND		0.50	0.12	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Ethoprop	ND		0.50	0.11	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Fensulfothion	ND		0.50	0.18	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Fenthion	ND		0.50	0.13	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Merphos	ND		0.50	0.22	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Methyl parathion	ND		0.50	0.25	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Mevinphos	ND		0.50	0.10	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Naled	ND		4.0	0.41	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Phorate	ND		0.50	0.13	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Ronnel	ND		0.50	0.14	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Stirophos	ND		2.0	0.14	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Tokuthion	ND		0.50	0.13	mg/Kg		08/09/21 14:30	08/12/21 16:20	1
Trichloronate	ND		0.50	0.12	mg/Kg		08/09/21 14:30	08/12/21 16:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tributylphosphate	102		20 - 158	08/09/21 14:30	08/12/21 16:20	1

**Lab Sample ID: LCS 570-169935/2-A**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 169935**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Azinphos-methyl	4.00	4.059		mg/Kg		101	59 - 156
Bolstar	4.00	3.377		mg/Kg		84	45 - 145
Chlorpyrifos	4.00	3.144		mg/Kg		79	42 - 139
Coumaphos	4.00	3.876		mg/Kg		97	64 - 149
Diazinon	4.00	3.384		mg/Kg		85	36 - 149
Disulfoton	4.00	3.665		mg/Kg		92	45 - 132
Ethoprop	4.00	3.305		mg/Kg		83	41 - 138
Fensulfothion	4.00	3.921		mg/Kg		98	53 - 151
Fenthion	4.00	3.394		mg/Kg		85	49 - 150
Merphos	4.00	4.196		mg/Kg		105	20 - 180
Methyl parathion	4.00	3.722		mg/Kg		93	48 - 149
Phorate	4.00	3.367		mg/Kg		84	42 - 137
Ronnel	4.00	3.314		mg/Kg		83	45 - 141
Stirophos	4.00	4.135		mg/Kg		103	43 - 166
Tokuthion	4.00	3.372		mg/Kg		84	50 - 131
Trichloronate	4.00	3.181		mg/Kg		80	45 - 138

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tributylphosphate	83		20 - 158

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC)

**Lab Sample ID: LCSD 570-169935/3-A**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 169935**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
Azinphos-methyl	4.00	4.070		mg/Kg		102	59 - 156	0	27
Bolstar	4.00	3.393		mg/Kg		85	45 - 145	0	24
Chlorpyrifos	4.00	3.241		mg/Kg		81	42 - 139	3	28
Coumaphos	4.00	3.958		mg/Kg		99	64 - 149	2	26
Diazinon	4.00	3.408		mg/Kg		85	36 - 149	1	28
Disulfoton	4.00	3.716		mg/Kg		93	45 - 132	1	27
Ethoprop	4.00	3.527		mg/Kg		88	41 - 138	7	26
Fensulfothion	4.00	4.031		mg/Kg		101	53 - 151	3	23
Fenthion	4.00	3.444		mg/Kg		86	49 - 150	1	30
Merphos	4.00	4.224		mg/Kg		106	20 - 180	1	30
Methyl parathion	4.00	3.576		mg/Kg		89	48 - 149	4	30
Phorate	4.00	3.369		mg/Kg		84	42 - 137	0	29
Ronnel	4.00	3.351		mg/Kg		84	45 - 141	1	30
Stirophos	4.00	4.437		mg/Kg		111	43 - 166	7	25
Tokuthion	4.00	3.430		mg/Kg		86	50 - 131	2	20
Trichloronate	4.00	3.248		mg/Kg		81	45 - 138	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tributylphosphate	88		20 - 158

**Lab Sample ID: 570-66529-21 MS**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 169935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bolstar	ND		3.94	2.920		mg/Kg		74	26 - 157
Chlorpyrifos	ND		3.94	2.638		mg/Kg		67	21 - 153
Coumaphos	ND		3.94	3.424		mg/Kg		87	33 - 179
Diazinon	ND		3.94	2.861		mg/Kg		73	20 - 157
Disulfoton	ND		3.94	2.931		mg/Kg		74	20 - 147
Ethoprop	ND		3.94	2.882		mg/Kg		73	20 - 147
Fensulfothion	ND		3.94	3.551		mg/Kg		90	22 - 169
Fenthion	ND		3.94	2.878		mg/Kg		73	24 - 170
Merphos	ND		3.94	3.410		mg/Kg		87	20 - 180
Methyl parathion	ND		3.94	3.085		mg/Kg		78	21 - 174
Phorate	ND		3.94	2.877		mg/Kg		73	20 - 146
Ronnel	ND		3.94	2.808		mg/Kg		71	20 - 159
Stirophos	ND		3.94	3.564		mg/Kg		91	20 - 180
Tokuthion	ND		3.94	2.906		mg/Kg		74	26 - 149
Trichloronate	ND		3.94	2.759		mg/Kg		70	24 - 153

Surrogate	MS %Recovery	MS Qualifier	Limits
Tributylphosphate	72		20 - 158

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Lab Sample ID: 570-66529-21 MSD**  
**Matrix: Solid**  
**Analysis Batch: 171134**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 169935**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit	
Azinphos-methyl	ND		3.88	3.469		mg/Kg		90	20 - 180	4	40
Bolstar	ND		3.88	2.769		mg/Kg		71	26 - 157	5	40
Chlorpyrifos	ND		3.88	2.643		mg/Kg		68	21 - 153	0	40
Coumaphos	ND		3.88	3.241		mg/Kg		84	33 - 179	5	40
Diazinon	ND		3.88	2.826		mg/Kg		73	20 - 157	1	40
Disulfoton	ND		3.88	3.077		mg/Kg		79	20 - 147	5	40
Ethoprop	ND		3.88	2.828		mg/Kg		73	20 - 147	2	40
Fensulfothion	ND		3.88	3.294		mg/Kg		85	22 - 169	8	40
Fenthion	ND		3.88	2.821		mg/Kg		73	24 - 170	2	40
Merphos	ND		3.88	3.386		mg/Kg		87	20 - 180	1	40
Methyl parathion	ND		3.88	2.949		mg/Kg		76	21 - 174	5	40
Phorate	ND		3.88	2.823		mg/Kg		73	20 - 146	2	40
Ronnel	ND		3.88	2.759		mg/Kg		71	20 - 159	2	40
Stirophos	ND		3.88	3.513		mg/Kg		91	20 - 180	1	40
Tokuthion	ND		3.88	2.803		mg/Kg		72	26 - 149	4	40
Trichloronate	ND		3.88	2.724		mg/Kg		70	24 - 153	1	40
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
<i>Tributylphosphate</i>		80		20 - 158							

**Lab Sample ID: MB 570-170556/1-A**  
**Matrix: Water**  
**Analysis Batch: 171134**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170556**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Azinphos-methyl	ND		0.0050	0.0017	mg/L		08/11/21 14:07	08/15/21 07:06	1
Bolstar	ND		0.0050	0.0015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Chlorpyrifos	ND		0.0050	0.0019	mg/L		08/11/21 14:07	08/15/21 07:06	1
Coumaphos	ND		0.0050	0.0018	mg/L		08/11/21 14:07	08/15/21 07:06	1
Demeton-o/s	ND		0.010	0.0024	mg/L		08/11/21 14:07	08/15/21 07:06	1
Diazinon	ND		0.0050	0.0019	mg/L		08/11/21 14:07	08/15/21 07:06	1
Dichlorvos	ND		0.0050	0.0019	mg/L		08/11/21 14:07	08/15/21 07:06	1
Disulfoton	ND		0.010	0.0015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Ethoprop	ND		0.0050	0.0015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Fensulfothion	ND		0.0050	0.0015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Fenthion	ND		0.0050	0.0014	mg/L		08/11/21 14:07	08/15/21 07:06	1
Merphos	ND		0.0050	0.0020	mg/L		08/11/21 14:07	08/15/21 07:06	1
Methyl parathion	ND		0.0050	0.0015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Mevinphos	ND		0.0050	0.0013	mg/L		08/11/21 14:07	08/15/21 07:06	1
Naled	ND		0.040	0.015	mg/L		08/11/21 14:07	08/15/21 07:06	1
Phorate	ND		0.0050	0.0023	mg/L		08/11/21 14:07	08/15/21 07:06	1
Ronnel	ND		0.0050	0.0011	mg/L		08/11/21 14:07	08/15/21 07:06	1
Stirophos	ND		0.020	0.0010	mg/L		08/11/21 14:07	08/15/21 07:06	1
Tokuthion	ND		0.0050	0.0013	mg/L		08/11/21 14:07	08/15/21 07:06	1
Trichloronate	ND		0.0050	0.0012	mg/L		08/11/21 14:07	08/15/21 07:06	1
		<b>MB</b>	<b>MB</b>						
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>Tributylphosphate</i>		86		30 - 151			08/11/21 14:07	08/15/21 07:06	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: LCS 570-170556/2-A  
Matrix: Water  
Analysis Batch: 171134

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 170556  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Azinphos-methyl	0.0400	0.03707		mg/L		93	44 - 163
Bolstar	0.0400	0.02959		mg/L		74	41 - 151
Chlorpyrifos	0.0400	0.02903		mg/L		73	42 - 152
Coumaphos	0.0400	0.03489		mg/L		87	35 - 170
Diazinon	0.0400	0.03090		mg/L		77	43 - 155
Disulfoton	0.0400	0.03405		mg/L		85	41 - 152
Ethoprop	0.0400	0.03134		mg/L		78	47 - 158
Fensulfothion	0.0400	0.03497		mg/L		87	51 - 166
Fenthion	0.0400	0.03037		mg/L		76	43 - 161
Merphos	0.0400	0.03483		mg/L		87	44 - 180
Methyl parathion	0.0400	0.03340		mg/L		84	35 - 167
Phorate	0.0400	0.03014		mg/L		75	39 - 159
Ronnel	0.0400	0.03051		mg/L		76	42 - 151
Stirophos	0.0400	0.03796		mg/L		95	39 - 172
Tokuthion	0.0400	0.03024		mg/L		76	33 - 155
Trichloronate	0.0400	0.02943		mg/L		74	39 - 157

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tributylphosphate	76		30 - 151

Lab Sample ID: LCSD 570-170556/3-A  
Matrix: Water  
Analysis Batch: 171134

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 170556  
%Rec. RPD

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Azinphos-methyl	0.0400	0.03768		mg/L		94	44 - 163	2	30
Bolstar	0.0400	0.03067		mg/L		77	41 - 151	4	30
Chlorpyrifos	0.0400	0.02978		mg/L		74	42 - 152	3	30
Coumaphos	0.0400	0.03571		mg/L		89	35 - 170	2	30
Diazinon	0.0400	0.03311		mg/L		83	43 - 155	7	30
Disulfoton	0.0400	0.03641		mg/L		91	41 - 152	7	30
Ethoprop	0.0400	0.03301		mg/L		83	47 - 158	5	30
Fensulfothion	0.0400	0.03597		mg/L		90	51 - 166	3	30
Fenthion	0.0400	0.03160		mg/L		79	43 - 161	4	30
Merphos	0.0400	0.03668		mg/L		92	44 - 180	5	30
Methyl parathion	0.0400	0.03362		mg/L		84	35 - 167	1	30
Phorate	0.0400	0.03223		mg/L		81	39 - 159	7	30
Ronnel	0.0400	0.03145		mg/L		79	42 - 151	3	30
Stirophos	0.0400	0.04018		mg/L		100	39 - 172	6	30
Tokuthion	0.0400	0.03151		mg/L		79	33 - 155	4	30
Trichloronate	0.0400	0.03026		mg/L		76	39 - 157	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tributylphosphate	80		30 - 151

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC)

**Lab Sample ID: MB 570-170286/1-A**  
**Matrix: Water**  
**Analysis Batch: 170657**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170286**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.21	ug/L		08/10/21 18:08	08/12/21 01:10	1
2,4,5-TP (Silvex)	ND		0.50	0.40	ug/L		08/10/21 18:08	08/12/21 01:10	1
2,4-D	ND		5.0	2.0	ug/L		08/10/21 18:08	08/12/21 01:10	1
2,4-DB	ND		5.0	3.5	ug/L		08/10/21 18:08	08/12/21 01:10	1
Dalapon	ND		13	4.7	ug/L		08/10/21 18:08	08/12/21 01:10	1
Dicamba	ND		0.50	0.29	ug/L		08/10/21 18:08	08/12/21 01:10	1
Dichlorprop	ND		5.0	2.0	ug/L		08/10/21 18:08	08/12/21 01:10	1
Dinoseb	ND		2.5	2.2	ug/L		08/10/21 18:08	08/12/21 01:10	1
MCPA	ND		500	350	ug/L		08/10/21 18:08	08/12/21 01:10	1
MCPP	ND		500	310	ug/L		08/10/21 18:08	08/12/21 01:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	67		20 - 147	08/10/21 18:08	08/12/21 01:10	1

**Lab Sample ID: LCS 570-170286/2-A**  
**Matrix: Water**  
**Analysis Batch: 170657**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170286**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-T	1.00	0.7664		ug/L		77	20 - 133
2,4,5-TP (Silvex)	1.00	0.7444		ug/L		74	20 - 165
2,4-D	10.0	6.959		ug/L		70	20 - 143
2,4-DB	10.0	10.57		ug/L		106	20 - 180
Dalapon	25.0	14.76		ug/L		59	20 - 152
Dicamba	1.00	0.7565		ug/L		76	20 - 153
Dichlorprop	10.0	7.298		ug/L		73	20 - 151
Dinoseb	5.00	4.882		ug/L		98	20 - 180
MCPA	1000	720.4		ug/L		72	20 - 140
MCPP	1000	723.4		ug/L		72	20 - 142

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	66		20 - 147

**Lab Sample ID: LCSD 570-170286/3-A**  
**Matrix: Water**  
**Analysis Batch: 170657**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170286**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4,5-T	1.00	0.8024		ug/L		80	20 - 133	5	22
2,4,5-TP (Silvex)	1.00	0.8038		ug/L		80	20 - 165	8	17
2,4-D	10.0	7.511		ug/L		75	20 - 143	8	18
2,4-DB	10.0	10.49		ug/L		105	20 - 180	1	30
Dalapon	25.0	15.78		ug/L		63	20 - 152	7	30
Dicamba	1.00	0.8136		ug/L		81	20 - 153	7	30
Dichlorprop	10.0	7.893		ug/L		79	20 - 151	8	21
Dinoseb	5.00	4.585		ug/L		92	20 - 180	6	30
MCPA	1000	752.6		ug/L		75	20 - 140	4	17
MCPP	1000	784.7		ug/L		78	20 - 142	8	27

Eurofins Calscience LLC

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC) (Continued)

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	72		20 - 147

**Lab Sample ID: MB 570-170649/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-T	ND		10	3.7	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
2,4,5-TP (Silvex)	ND		10	3.6	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
2,4-D	ND		100	49	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
2,4-DB	ND		100	47	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
Dalapon	ND		250	72	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
Dicamba	ND		10	4.7	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
Dichlorprop	ND		100	49	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
Dinoseb	ND		100	19	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
MCPA	ND		20000	11000	ug/Kg		08/11/21 19:04	08/20/21 01:43	1
MCPP	ND		10000	6600	ug/Kg		08/11/21 19:04	08/20/21 01:43	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	114		20 - 163	08/11/21 19:04	08/20/21 01:43	1

**Lab Sample ID: LCS 570-170649/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
2,4,5-T	20.0	11.28		ug/Kg		56	44 - 139
2,4,5-TP (Silvex)	20.0	18.76	p	ug/Kg		94	32 - 171
2,4-D	200	152.9	p	ug/Kg		76	27 - 160
2,4-DB	200	228.7		ug/Kg		114	55 - 190
Dalapon	500	364.8		ug/Kg		73	18 - 118
Dicamba	20.0	18.14		ug/Kg		91	43 - 163
Dichlorprop	200	143.7	p	ug/Kg		72	54 - 130
Dinoseb	100	52.54	J	ug/Kg		53	10 - 140
MCPA	20000	21580		ug/Kg		108	46 - 128
MCPP	20000	14220	p	ug/Kg		71	41 - 169

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	102		20 - 163

**Lab Sample ID: LCSD 570-170649/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	Spike Added	LCSD		Unit	D	%Rec	Limits	RPD	
		Result	Qualifier					RPD	Limit
2,4,5-T	20.0	12.67		ug/Kg		63	44 - 139	12	30
2,4,5-TP (Silvex)	20.0	20.87	p	ug/Kg		104	32 - 171	11	26
2,4-D	200	183.8	p	ug/Kg		92	27 - 160	18	30
2,4-DB	200	298.4		ug/Kg		149	55 - 190	26	30
Dalapon	500	399.3		ug/Kg		80	18 - 118	9	30
Dicamba	20.0	19.76		ug/Kg		99	43 - 163	9	30

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC) (Continued)

**Lab Sample ID: LCSD 570-170649/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Dichlorprop	200	154.6	p	ug/Kg		77	54 - 130	7	25	
Dinoseb	100	41.40	J	ug/Kg		41	10 - 140	24	30	
MCPA	20000	24330		ug/Kg		122	46 - 128	12	30	
MCPP	20000	16040	p	ug/Kg		80	41 - 169	12	30	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	114		20 - 163

**Lab Sample ID: 570-66529-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: B1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
2,4,5-T	ND	*-	20.0	22.68		ug/Kg		113	10 - 190			
2,4,5-TP (Silvex)	ND		20.0	16.87		ug/Kg		84	11 - 184			
2,4-D	ND		200	158.4	p	ug/Kg		79	10 - 178			
2,4-DB	ND		200	268.9		ug/Kg		134	10 - 190			
Dalapon	ND		500	397.4		ug/Kg		79	10 - 143			
Dicamba	ND		20.0	19.46		ug/Kg		97	10 - 190			
Dichlorprop	ND		200	177.9		ug/Kg		89	10 - 188			
Dinoseb	ND	F1	100	21.55	J	ug/Kg		22	10 - 190			
MCPA	ND		20000	16070	J	ug/Kg		80	10 - 172			
MCPP	ND		20000	22030		ug/Kg		110	10 - 190			

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid	89		20 - 163

**Lab Sample ID: 570-66529-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172841**

**Client Sample ID: B1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 170649**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
2,4,5-T	ND	*-	20.0	19.93		ug/Kg		100	10 - 190	13	40	
2,4,5-TP (Silvex)	ND		20.0	19.38		ug/Kg		97	11 - 184	14	40	
2,4-D	ND		200	147.0		ug/Kg		73	10 - 178	8	40	
2,4-DB	ND		200	242.5		ug/Kg		121	10 - 190	10	40	
Dalapon	ND		500	369.3		ug/Kg		74	10 - 143	7	40	
Dicamba	ND		20.0	18.41		ug/Kg		92	10 - 190	6	40	
Dichlorprop	ND		200	167.3		ug/Kg		84	10 - 188	6	40	
Dinoseb	ND	F1	100	33.34	J F2	ug/Kg		33	10 - 190	43	40	
MCPA	ND		20000	14610	J	ug/Kg		73	10 - 172	9	40	
MCPP	ND		20000	22090		ug/Kg		110	10 - 190	0	40	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	95		20 - 163

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC) (Continued)

**Lab Sample ID: MB 570-172456/1-A**  
**Matrix: Solid**  
**Analysis Batch: 174010**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172456**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	3.7	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
2,4,5-TP (Silvex)	ND		10	3.6	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
2,4-D	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
2,4-DB	ND		100	47	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
Dalapon	ND		250	72	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
Dicamba	ND		10	4.7	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
Dichlorprop	ND		100	49	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
Dinoseb	ND		100	19	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
MCPA	ND		20000	11000	ug/Kg		08/18/21 15:41	08/24/21 17:20	1
MCPP	ND		10000	6600	ug/Kg		08/18/21 15:41	08/24/21 17:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	38		20 - 163	08/18/21 15:41	08/24/21 17:20	1

**Lab Sample ID: LCS 570-172456/2-A**  
**Matrix: Solid**  
**Analysis Batch: 174010**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172456**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-T	20.0	13.48	p	ug/Kg		67	44 - 139
2,4,5-TP (Silvex)	20.0	16.26	p	ug/Kg		81	32 - 171
2,4-D	200	179.2		ug/Kg		90	27 - 160
2,4-DB	200	361.9		ug/Kg		181	55 - 190
Dalapon	500	306.6	p	ug/Kg		61	18 - 118
Dicamba	20.0	25.64		ug/Kg		128	43 - 163
Dichlorprop	200	209.9		ug/Kg		105	54 - 130
Dinoseb	100	44.73	J	ug/Kg		45	10 - 140
MCPA	20000	18090	J p	ug/Kg		90	46 - 128
MCPP	20000	17070	p	ug/Kg		85	41 - 169

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	113		20 - 163

**Lab Sample ID: LCSD 570-172456/3-A**  
**Matrix: Solid**  
**Analysis Batch: 174010**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172456**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4,5-T	20.0	13.77	p	ug/Kg		69	44 - 139	2	30
2,4,5-TP (Silvex)	20.0	19.93		ug/Kg		100	32 - 171	20	26
2,4-D	200	170.1		ug/Kg		85	27 - 160	5	30
2,4-DB	200	322.9		ug/Kg		161	55 - 190	11	30
Dalapon	500	338.4	p	ug/Kg		68	18 - 118	10	30
Dicamba	20.0	22.05		ug/Kg		110	43 - 163	15	30
Dichlorprop	200	215.6		ug/Kg		108	54 - 130	3	25
Dinoseb	100	27.68	J *1	ug/Kg		28	10 - 140	47	30
MCPA	20000	16850	J p	ug/Kg		84	46 - 128	7	30
MCPP	20000	17410	p	ug/Kg		87	41 - 169	2	30

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 8151A - Herbicides (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4-Dichlorophenylacetic acid	87		20 - 163

**Lab Sample ID: 570-66529-7 MS**  
**Matrix: Solid**  
**Analysis Batch: 174010**

**Client Sample ID: B2-10**  
**Prep Type: Total/NA**  
**Prep Batch: 172456**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4,5-T	ND	*+	20.0	19.20		ug/Kg		96	10 - 190
2,4,5-TP (Silvex)	ND		20.0	16.90		ug/Kg		85	11 - 184
2,4-D	ND		200	174.1		ug/Kg		87	10 - 178
2,4-DB	ND		200	261.7		ug/Kg		131	10 - 190
Dalapon	ND	*+ *1	500	316.8		ug/Kg		63	10 - 143
Dicamba	ND		20.0	17.79		ug/Kg		89	10 - 190
Dichlorprop	ND		200	192.5		ug/Kg		96	10 - 188
Dinoseb	ND	*1	100	51.57	J	ug/Kg		52	10 - 190
MCPA	ND	*+	20000	16500	J	ug/Kg		83	10 - 172
MCPP	ND		20000	21160		ug/Kg		106	10 - 190

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2,4-Dichlorophenylacetic acid	91		20 - 163

**Lab Sample ID: 570-66529-7 MSD**  
**Matrix: Solid**  
**Analysis Batch: 174010**

**Client Sample ID: B2-10**  
**Prep Type: Total/NA**  
**Prep Batch: 172456**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4,5-T	ND	*+	20.0	17.46		ug/Kg		87	10 - 190	10	40
2,4,5-TP (Silvex)	ND		20.0	16.14		ug/Kg		81	11 - 184	5	40
2,4-D	ND		200	173.8		ug/Kg		87	10 - 178	0	40
2,4-DB	ND		200	252.5		ug/Kg		126	10 - 190	4	40
Dalapon	ND	*+ *1	500	320.3		ug/Kg		64	10 - 143	1	40
Dicamba	ND		20.0	17.22		ug/Kg		86	10 - 190	3	40
Dichlorprop	ND		200	184.7		ug/Kg		92	10 - 188	4	40
Dinoseb	ND	*1	100	50.92	J	ug/Kg		51	10 - 190	1	40
MCPA	ND	*+	20000	16450	J	ug/Kg		82	10 - 172	0	40
MCPP	ND		20000	20580		ug/Kg		103	10 - 190	3	40

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4-Dichlorophenylacetic acid	88		20 - 163

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-172649/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.05	0.237	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Arsenic	ND		2.63	2.38	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Barium	ND		0.526	0.233	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Beryllium	ND		0.263	0.180	mg/Kg		08/19/21 07:37	08/19/21 15:31	1

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 570-172649/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.526	0.212	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Cobalt	ND		1.05	0.239	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Chromium	ND		1.05	0.185	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Copper	ND		1.05	0.534	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Molybdenum	ND		0.526	0.474	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Nickel	ND		0.526	0.452	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Antimony	ND		3.16	1.43	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Selenium	ND		5.26	1.95	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Thallium	ND		5.26	1.56	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Vanadium	ND		1.05	0.181	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Zinc	ND		10.5	5.38	mg/Kg		08/19/21 07:37	08/19/21 15:31	1
Lead	ND		5.26	1.02	mg/Kg		08/19/21 07:37	08/19/21 15:31	1

**Lab Sample ID: LCS 570-172649/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	12.6	13.16		mg/Kg		105	80 - 120
Arsenic	25.1	26.71		mg/Kg		106	80 - 120
Barium	25.1	28.27		mg/Kg		113	80 - 120
Beryllium	25.1	25.64		mg/Kg		102	80 - 120
Cadmium	25.1	25.76		mg/Kg		103	80 - 120
Cobalt	25.1	26.73		mg/Kg		106	80 - 120
Chromium	25.1	27.08		mg/Kg		108	80 - 120
Copper	25.1	26.53		mg/Kg		106	80 - 120
Molybdenum	25.2	25.93		mg/Kg		103	80 - 120
Nickel	25.1	25.86		mg/Kg		103	80 - 120
Antimony	25.1	26.60		mg/Kg		106	80 - 120
Selenium	25.1	25.92		mg/Kg		103	80 - 120
Thallium	25.1	27.99		mg/Kg		111	80 - 120
Vanadium	25.1	25.94		mg/Kg		103	80 - 120
Zinc	25.1	26.83		mg/Kg		107	80 - 120
Lead	25.1	27.43		mg/Kg		109	80 - 120

**Lab Sample ID: LCSD 570-172649/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	12.5	13.14		mg/Kg		105	80 - 120	0	20
Arsenic	25.0	26.73		mg/Kg		107	80 - 120	0	20
Barium	25.0	28.24		mg/Kg		113	80 - 120	0	20
Beryllium	25.0	25.70		mg/Kg		103	80 - 120	0	20
Cadmium	25.0	25.69		mg/Kg		103	80 - 120	0	20
Cobalt	25.0	26.68		mg/Kg		107	80 - 120	0	20
Chromium	25.0	26.99		mg/Kg		108	80 - 120	0	20
Copper	25.0	26.49		mg/Kg		106	80 - 120	0	20
Molybdenum	25.0	25.87		mg/Kg		103	80 - 120	0	20

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 570-172649/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Nickel	25.0	25.63		mg/Kg		103	80 - 120	1	20	
Antimony	25.0	26.51		mg/Kg		106	80 - 120	0	20	
Selenium	25.0	25.75		mg/Kg		103	80 - 120	1	20	
Thallium	25.0	28.02		mg/Kg		112	80 - 120	0	20	
Vanadium	25.0	25.96		mg/Kg		104	80 - 120	0	20	
Zinc	25.0	26.70		mg/Kg		107	80 - 120	0	20	
Lead	25.0	27.33		mg/Kg		109	80 - 120	0	20	

**Lab Sample ID: 570-66529-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Silver	ND		12.4	11.98		mg/Kg		96	75 - 125		20	
Arsenic	5.96		24.9	28.49		mg/Kg		91	75 - 125		20	
Barium	139		24.9	139.2	4	mg/Kg		2	75 - 125		20	
Beryllium	0.513		24.9	25.22		mg/Kg		99	75 - 125		20	
Cadmium	0.597		24.9	21.96		mg/Kg		86	75 - 125		20	
Cobalt	5.41		24.9	25.55		mg/Kg		81	75 - 125		20	
Chromium	5.26		24.9	28.61		mg/Kg		94	75 - 125		20	
Copper	14.7		24.9	33.89		mg/Kg		77	75 - 125		20	
Molybdenum	0.458	J F1	24.9	17.76	F1	mg/Kg		69	75 - 125		20	
Nickel	9.88		24.9	32.38		mg/Kg		90	75 - 125		20	
Antimony	ND	F1	24.9	7.465	F1	mg/Kg		30	75 - 125		20	
Selenium	ND	F1	24.9	17.35	F1	mg/Kg		70	75 - 125		20	
Thallium	ND		24.9	20.36		mg/Kg		82	75 - 125		20	
Vanadium	14.1		24.9	34.38		mg/Kg		82	75 - 125		20	
Zinc	35.0		24.9	55.66		mg/Kg		83	75 - 125		20	
Lead	11.2		24.9	30.94		mg/Kg		79	75 - 125		20	

**Lab Sample ID: 570-66529-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Silver	ND		12.3	12.01		mg/Kg		98	75 - 125	0	20	
Arsenic	5.96		24.6	28.35		mg/Kg		91	75 - 125	0	20	
Barium	139		24.6	138.5	4	mg/Kg		-1	75 - 125	1	20	
Beryllium	0.513		24.6	25.18		mg/Kg		100	75 - 125	0	20	
Cadmium	0.597		24.6	22.14		mg/Kg		87	75 - 125	1	20	
Cobalt	5.41		24.6	25.62		mg/Kg		82	75 - 125	0	20	
Chromium	5.26		24.6	28.59		mg/Kg		95	75 - 125	0	20	
Copper	14.7		24.6	34.02		mg/Kg		79	75 - 125	0	20	
Molybdenum	0.458	J F1	24.7	17.87	F1	mg/Kg		71	75 - 125	1	20	
Nickel	9.88		24.6	32.44		mg/Kg		92	75 - 125	0	20	
Antimony	ND	F1	24.6	7.185	F1	mg/Kg		29	75 - 125	4	20	
Selenium	ND	F1	24.6	16.84	F1	mg/Kg		68	75 - 125	3	20	
Thallium	ND		24.6	20.56		mg/Kg		83	75 - 125	1	20	
Vanadium	14.1		24.6	34.35		mg/Kg		82	75 - 125	0	20	

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-66529-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 172649**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	35.0		24.6	56.12		mg/Kg		86	75 - 125	1	20
Lead	11.2		24.6	31.05		mg/Kg		80	75 - 125	0	20

**Lab Sample ID: MB 570-172661/1-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.976	0.220	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Arsenic	ND		2.44	2.21	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Barium	ND		0.488	0.216	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Beryllium	ND		0.244	0.167	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Cadmium	ND		0.488	0.197	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Cobalt	ND		0.976	0.222	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Chromium	ND		0.976	0.171	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Copper	ND		0.976	0.495	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Molybdenum	ND		0.488	0.440	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Nickel	ND		0.488	0.419	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Antimony	ND		2.93	1.32	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Selenium	ND		4.88	1.81	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Thallium	ND		4.88	1.45	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Vanadium	ND		0.976	0.167	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Zinc	ND		9.76	4.99	mg/Kg		08/19/21 08:11	08/19/21 14:29	1
Lead	ND		4.88	0.943	mg/Kg		08/19/21 08:11	08/19/21 14:29	1

**Lab Sample ID: LCS 570-172661/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	12.3	13.64		mg/Kg		111	80 - 120
Arsenic	24.6	27.44		mg/Kg		111	80 - 120
Barium	24.6	29.24		mg/Kg		119	80 - 120
Beryllium	24.6	26.96		mg/Kg		109	80 - 120
Cadmium	24.6	26.83		mg/Kg		109	80 - 120
Cobalt	24.6	27.91		mg/Kg		113	80 - 120
Chromium	24.6	27.68		mg/Kg		112	80 - 120
Copper	24.6	27.38		mg/Kg		111	80 - 120
Molybdenum	24.7	26.70		mg/Kg		108	80 - 120
Nickel	24.6	26.46		mg/Kg		107	80 - 120
Antimony	24.6	27.01		mg/Kg		110	80 - 120
Selenium	24.6	26.57		mg/Kg		108	80 - 120
Thallium	24.6	28.97		mg/Kg		118	80 - 120
Vanadium	24.6	27.11		mg/Kg		110	80 - 120
Zinc	24.6	27.69		mg/Kg		112	80 - 120
Lead	24.6	28.55		mg/Kg		116	80 - 120

# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 570-172661/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Silver	12.0	12.73		mg/Kg		106	80 - 120	7	20	
Arsenic	23.9	26.15		mg/Kg		109	80 - 120	5	20	
Barium	23.9	27.63		mg/Kg		115	80 - 120	6	20	
Beryllium	23.9	25.14		mg/Kg		105	80 - 120	7	20	
Cadmium	23.9	25.71		mg/Kg		107	80 - 120	4	20	
Cobalt	23.9	26.06		mg/Kg		109	80 - 120	7	20	
Chromium	23.9	25.85		mg/Kg		108	80 - 120	7	20	
Copper	23.9	25.88		mg/Kg		108	80 - 120	6	20	
Molybdenum	24.0	25.30		mg/Kg		106	80 - 120	5	20	
Nickel	23.9	24.81		mg/Kg		104	80 - 120	6	20	
Antimony	23.9	25.57		mg/Kg		107	80 - 120	5	20	
Selenium	23.9	25.02		mg/Kg		105	80 - 120	6	20	
Thallium	23.9	27.18		mg/Kg		114	80 - 120	6	20	
Vanadium	23.9	25.32		mg/Kg		106	80 - 120	7	20	
Zinc	23.9	26.30		mg/Kg		110	80 - 120	5	20	
Lead	23.9	26.80		mg/Kg		112	80 - 120	6	20	

**Lab Sample ID: 570-66529-21 MS**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Silver	ND		12.5	12.43		mg/Kg		99	75 - 125			
Arsenic	2.34	J	25.0	28.64		mg/Kg		105	75 - 125			
Barium	101		25.0	163.1	4	mg/Kg		250	75 - 125			
Beryllium	ND		25.0	26.42		mg/Kg		106	75 - 125			
Cadmium	0.248	J	25.0	23.51		mg/Kg		93	75 - 125			
Cobalt	2.82		25.0	25.57		mg/Kg		91	75 - 125			
Chromium	2.83		25.0	28.30		mg/Kg		102	75 - 125			
Copper	5.36		25.0	30.82		mg/Kg		102	75 - 125			
Molybdenum	ND		25.0	21.24		mg/Kg		85	75 - 125			
Nickel	4.89		25.0	31.39		mg/Kg		106	75 - 125			
Antimony	ND	F1	25.0	10.74	F1	mg/Kg		43	75 - 125			
Selenium	ND		25.0	20.00		mg/Kg		80	75 - 125			
Thallium	ND		25.0	22.02		mg/Kg		88	75 - 125			
Vanadium	6.56		25.0	31.85		mg/Kg		101	75 - 125			
Zinc	14.9	F1	25.0	48.23	F1	mg/Kg		133	75 - 125			
Lead	3.89	J	25.0	28.47		mg/Kg		98	75 - 125			

**Lab Sample ID: 570-66529-21 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Silver	ND		12.2	12.39		mg/Kg		102	75 - 125	0	20	
Arsenic	2.34	J	24.4	27.47		mg/Kg		103	75 - 125	4	20	
Barium	101		24.4	161.7	4	mg/Kg		250	75 - 125	1	20	
Beryllium	ND		24.4	26.39		mg/Kg		108	75 - 125	0	20	
Cadmium	0.248	J	24.4	22.53		mg/Kg		91	75 - 125	4	20	

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# QC Sample Results

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-66529-21 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172875**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 172661**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Cobalt	2.82		24.4	25.43		mg/Kg		93	75 - 125	1	20
Chromium	2.83		24.4	28.24		mg/Kg		104	75 - 125	0	20
Copper	5.36		24.4	29.47		mg/Kg		99	75 - 125	4	20
Molybdenum	ND		24.4	20.32		mg/Kg		83	75 - 125	4	20
Nickel	4.89		24.4	31.26		mg/Kg		108	75 - 125	0	20
Antimony	ND	F1	24.4	10.21	F1	mg/Kg		42	75 - 125	5	20
Selenium	ND		24.4	18.78		mg/Kg		77	75 - 125	6	20
Thallium	ND		24.4	21.20		mg/Kg		87	75 - 125	4	20
Vanadium	6.56		24.4	31.79		mg/Kg		103	75 - 125	0	20
Zinc	14.9	F1	24.4	46.15	F1	mg/Kg		128	75 - 125	4	20
Lead	3.89	J	24.4	27.12		mg/Kg		95	75 - 125	5	20

**Lab Sample ID: MB 570-170487/1-A**  
**Matrix: Water**  
**Analysis Batch: 170643**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 170487**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	ND		0.0100	0.00582	mg/L		08/11/21 10:50	08/11/21 20:10	1
Arsenic	ND		0.100	0.0215	mg/L		08/11/21 10:50	08/11/21 20:10	1
Barium	ND		0.0100	0.00156	mg/L		08/11/21 10:50	08/11/21 20:10	1
Beryllium	ND		0.0100	0.00258	mg/L		08/11/21 10:50	08/11/21 20:10	1
Cadmium	ND		0.0100	0.00119	mg/L		08/11/21 10:50	08/11/21 20:10	1
Cobalt	ND		0.0500	0.00233	mg/L		08/11/21 10:50	08/11/21 20:10	1
Chromium	ND		0.0500	0.00858	mg/L		08/11/21 10:50	08/11/21 20:10	1
Copper	ND		0.0500	0.00845	mg/L		08/11/21 10:50	08/11/21 20:10	1
Molybdenum	ND		0.0500	0.0238	mg/L		08/11/21 10:50	08/11/21 20:10	1
Nickel	ND		0.0500	0.00450	mg/L		08/11/21 10:50	08/11/21 20:10	1
Antimony	ND		0.100	0.0206	mg/L		08/11/21 10:50	08/11/21 20:10	1
Selenium	ND		0.100	0.0344	mg/L		08/11/21 10:50	08/11/21 20:10	1
Thallium	ND		0.0500	0.0189	mg/L		08/11/21 10:50	08/11/21 20:10	1
Vanadium	0.001727	J	0.0100	0.00170	mg/L		08/11/21 10:50	08/11/21 20:10	1
Zinc	ND		0.250	0.0138	mg/L		08/11/21 10:50	08/11/21 20:10	1
Lead	ND		0.0500	0.00796	mg/L		08/11/21 10:50	08/11/21 20:10	1

**Lab Sample ID: LCS 570-170487/2-A**  
**Matrix: Water**  
**Analysis Batch: 170643**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 170487**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Silver	0.250	0.2480		mg/L		99	80 - 120
Arsenic	0.500	0.4277		mg/L		86	80 - 120
Barium	0.500	0.4963		mg/L		99	80 - 120
Beryllium	0.500	0.4811		mg/L		96	80 - 120
Cadmium	0.500	0.4892		mg/L		98	80 - 120
Cobalt	0.500	0.4534		mg/L		91	80 - 120
Chromium	0.500	0.4923		mg/L		98	80 - 120
Copper	0.500	0.5723		mg/L		114	80 - 120
Molybdenum	0.501	0.4586		mg/L		92	80 - 120
Nickel	0.500	0.4801		mg/L		96	80 - 120

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# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-170487/2-A**  
**Matrix: Water**  
**Analysis Batch: 170643**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 170487**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.4576		mg/L		92	80 - 120
Selenium	0.500	0.4236		mg/L		85	80 - 120
Thallium	0.500	0.4574		mg/L		91	80 - 120
Vanadium	0.500	0.4978		mg/L		100	80 - 120
Zinc	0.500	0.4441		mg/L		89	80 - 120
Lead	0.500	0.4870		mg/L		97	80 - 120

**Lab Sample ID: LCSD 570-170487/3-A**  
**Matrix: Water**  
**Analysis Batch: 170643**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total Recoverable**  
**Prep Batch: 170487**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.250	0.2485		mg/L		99	80 - 120	0	20
Arsenic	0.500	0.4231		mg/L		85	80 - 120	1	20
Barium	0.500	0.4970		mg/L		99	80 - 120	0	20
Beryllium	0.500	0.4824		mg/L		96	80 - 120	0	20
Cadmium	0.500	0.4850		mg/L		97	80 - 120	1	20
Cobalt	0.500	0.4505		mg/L		90	80 - 120	1	20
Chromium	0.500	0.4941		mg/L		99	80 - 120	0	20
Copper	0.500	0.5751		mg/L		115	80 - 120	0	20
Molybdenum	0.501	0.4683		mg/L		94	80 - 120	2	20
Nickel	0.500	0.4756		mg/L		95	80 - 120	1	20
Antimony	0.500	0.4559		mg/L		91	80 - 120	0	20
Selenium	0.500	0.4274		mg/L		85	80 - 120	1	20
Thallium	0.500	0.4346		mg/L		87	80 - 120	5	20
Vanadium	0.500	0.4994		mg/L		100	80 - 120	0	20
Zinc	0.500	0.4431		mg/L		89	80 - 120	0	20
Lead	0.500	0.4834		mg/L		97	80 - 120	1	20

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 570-170823/1-A**  
**Matrix: Water**  
**Analysis Batch: 171187**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 170823**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/12/21 11:50	08/13/21 18:11	1

**Lab Sample ID: LCS 570-170823/2-A**  
**Matrix: Water**  
**Analysis Batch: 171187**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 170823**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.009923		mg/L		99	80 - 120

# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-170823/3-A  
 Matrix: Water  
 Analysis Batch: 171187

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 170823

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.0100	0.009991		mg/L		100	80 - 120	1	20

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-172595/1-A  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 172595

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/19/21 06:24	08/19/21 16:11	1

Lab Sample ID: LCS 570-172595/2-A  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 172595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.820	0.8166		mg/Kg		100	85 - 121

Lab Sample ID: LCSD 570-172595/3-A  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 172595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.847	0.8347		mg/Kg		98	85 - 121	2	10

Lab Sample ID: 570-66529-1 MS  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: B1-0.5  
 Prep Type: Total/NA  
 Prep Batch: 172595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.0140	J	0.877	0.9071		mg/Kg		102	71 - 137

Lab Sample ID: 570-66529-1 MSD  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: B1-0.5  
 Prep Type: Total/NA  
 Prep Batch: 172595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.0140	J	0.862	0.8812		mg/Kg		101	71 - 137	3	14

Lab Sample ID: MB 570-172623/1-A  
 Matrix: Solid  
 Analysis Batch: 172790

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 172623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/19/21 06:29	08/19/21 12:44	1



# QC Sample Results

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCS 570-172623/2-A**  
**Matrix: Solid**  
**Analysis Batch: 172790**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 172623**  
 %Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.847	0.7335		mg/Kg		87	85 - 121

**Lab Sample ID: LCSD 570-172623/3-A**  
**Matrix: Solid**  
**Analysis Batch: 172790**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 172623**  
 %Rec. RPD

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.820	0.7070		mg/Kg		86	85 - 121	4	10

**Lab Sample ID: 570-66529-21 MS**  
**Matrix: Solid**  
**Analysis Batch: 172790**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 172623**  
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.0149	J	0.847	0.7940		mg/Kg		92	71 - 137

**Lab Sample ID: 570-66529-21 MSD**  
**Matrix: Solid**  
**Analysis Batch: 172790**

**Client Sample ID: B5-15**  
**Prep Type: Total/NA**  
**Prep Batch: 172623**  
 %Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.0149	J	0.877	0.7995		mg/Kg		89	71 - 137	1	14

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC/MS VOA

### Prep Batch: 169889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	5035	
570-66529-2	B1-5.0	Total/NA	Solid	5035	
570-66529-3	B1-10	Total/NA	Solid	5035	
570-66529-4	B1-15	Total/NA	Solid	5035	
570-66529-5	B2-0.5	Total/NA	Solid	5035	
570-66529-6	B2-5.0	Total/NA	Solid	5035	
570-66529-7	B2-10	Total/NA	Solid	5035	
570-66529-8	B2-15	Total/NA	Solid	5035	
570-66529-9	B3-0.5	Total/NA	Solid	5035	
570-66529-10	B3-5.0	Total/NA	Solid	5035	
570-66529-11	B3-10	Total/NA	Solid	5035	
570-66529-12	B3-15	Total/NA	Solid	5035	
570-66529-13	B4-0.5	Total/NA	Solid	5035	
570-66529-14	B4-0.5DUP	Total/NA	Solid	5035	
570-66529-15	B4-5.0	Total/NA	Solid	5035	
570-66529-16	B4-10	Total/NA	Solid	5035	
570-66529-17	B4-15	Total/NA	Solid	5035	
570-66529-18	B5-0.5	Total/NA	Solid	5035	
570-66529-19	B5-5.0	Total/NA	Solid	5035	
570-66529-20	B5-10	Total/NA	Solid	5035	
570-66529-21	B5-15	Total/NA	Solid	5035	
570-66529-22	B6-0.5	Total/NA	Solid	5035	
570-66529-23	B6-5.0	Total/NA	Solid	5035	
570-66529-24	B6-5.0DUP	Total/NA	Solid	5035	
570-66529-25	B6-10	Total/NA	Solid	5035	
570-66529-26	B6-15	Total/NA	Solid	5035	

### Analysis Batch: 169996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-2	B1-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-3	B1-10	Total/NA	Solid	8260B/5035	169889
570-66529-4	B1-15	Total/NA	Solid	8260B/5035	169889
570-66529-5	B2-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-6	B2-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-7	B2-10	Total/NA	Solid	8260B/5035	169889
570-66529-8	B2-15	Total/NA	Solid	8260B/5035	169889
570-66529-9	B3-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-10	B3-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-11	B3-10	Total/NA	Solid	8260B/5035	169889
570-66529-12	B3-15	Total/NA	Solid	8260B/5035	169889
570-66529-13	B4-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-14	B4-0.5DUP	Total/NA	Solid	8260B/5035	169889
570-66529-15	B4-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-16	B4-10	Total/NA	Solid	8260B/5035	169889
570-66529-17	B4-15	Total/NA	Solid	8260B/5035	169889
570-66529-18	B5-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-19	B5-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-20	B5-10	Total/NA	Solid	8260B/5035	169889
MB 570-169996/6	Method Blank	Total/NA	Solid	8260B/5035	
LCS 570-169996/3	Lab Control Sample	Total/NA	Solid	8260B/5035	

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# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC/MS VOA (Continued)

### Analysis Batch: 169996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-169996/4	Lab Control Sample Dup	Total/NA	Solid	8260B/5035	

### Analysis Batch: 170095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-21	B5-15	Total/NA	Solid	8260B/5035	169889
570-66529-22	B6-0.5	Total/NA	Solid	8260B/5035	169889
570-66529-23	B6-5.0	Total/NA	Solid	8260B/5035	169889
570-66529-24	B6-5.0DUP	Total/NA	Solid	8260B/5035	169889
570-66529-25	B6-10	Total/NA	Solid	8260B/5035	169889
570-66529-26	B6-15	Total/NA	Solid	8260B/5035	169889
MB 570-170095/9	Method Blank	Total/NA	Solid	8260B/5035	
LCS 570-170095/4	Lab Control Sample	Total/NA	Solid	8260B/5035	
LCSD 570-170095/5	Lab Control Sample Dup	Total/NA	Solid	8260B/5035	

### Analysis Batch: 172219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8260B	
570-66529-28	TB	Total/NA	Water	8260B	
MB 570-172219/7	Method Blank	Total/NA	Water	8260B	
LCS 570-172219/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-172219/4	Lab Control Sample Dup	Total/NA	Water	8260B	

## GC VOA

### Prep Batch: 169889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	5035	
570-66529-2	B1-5.0	Total/NA	Solid	5035	
570-66529-3	B1-10	Total/NA	Solid	5035	
570-66529-4	B1-15	Total/NA	Solid	5035	
570-66529-5	B2-0.5	Total/NA	Solid	5035	
570-66529-6	B2-5.0	Total/NA	Solid	5035	
570-66529-7	B2-10	Total/NA	Solid	5035	
570-66529-8	B2-15	Total/NA	Solid	5035	
570-66529-9	B3-0.5	Total/NA	Solid	5035	
570-66529-10	B3-5.0	Total/NA	Solid	5035	
570-66529-11	B3-10	Total/NA	Solid	5035	
570-66529-12	B3-15	Total/NA	Solid	5035	
570-66529-13	B4-0.5	Total/NA	Solid	5035	
570-66529-14	B4-0.5DUP	Total/NA	Solid	5035	
570-66529-15	B4-5.0	Total/NA	Solid	5035	
570-66529-16	B4-10	Total/NA	Solid	5035	
570-66529-17	B4-15	Total/NA	Solid	5035	
570-66529-18	B5-0.5	Total/NA	Solid	5035	
570-66529-19	B5-5.0	Total/NA	Solid	5035	
570-66529-20	B5-10	Total/NA	Solid	5035	
570-66529-21	B5-15	Total/NA	Solid	5035	
570-66529-22	B6-0.5	Total/NA	Solid	5035	
570-66529-23	B6-5.0	Total/NA	Solid	5035	
570-66529-24	B6-5.0DUP	Total/NA	Solid	5035	
570-66529-25	B6-10	Total/NA	Solid	5035	

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC VOA (Continued)

### Prep Batch: 169889 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-26	B6-15	Total/NA	Solid	5035	

### Analysis Batch: 170262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8015B	
MB 570-170262/35	Method Blank	Total/NA	Water	8015B	
LCS 570-170262/33	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-170262/34	Lab Control Sample Dup	Total/NA	Water	8015B	

### Analysis Batch: 170394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-2	B1-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-3	B1-10	Total/NA	Solid	8015B/5035	169889
570-66529-4	B1-15	Total/NA	Solid	8015B/5035	169889
570-66529-5	B2-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-6	B2-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-7	B2-10	Total/NA	Solid	8015B/5035	169889
570-66529-8	B2-15	Total/NA	Solid	8015B/5035	169889
570-66529-9	B3-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-10	B3-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-11	B3-10	Total/NA	Solid	8015B/5035	169889
570-66529-12	B3-15	Total/NA	Solid	8015B/5035	169889
570-66529-13	B4-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-14	B4-0.5DUP	Total/NA	Solid	8015B/5035	169889
570-66529-15	B4-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-16	B4-10	Total/NA	Solid	8015B/5035	169889
MB 570-170394/5	Method Blank	Total/NA	Solid	8015B/5035	
LCS 570-170394/3	Lab Control Sample	Total/NA	Solid	8015B/5035	
LCSD 570-170394/4	Lab Control Sample Dup	Total/NA	Solid	8015B/5035	

### Analysis Batch: 170423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-17	B4-15	Total/NA	Solid	8015B/5035	169889
570-66529-18	B5-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-19	B5-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-20	B5-10	Total/NA	Solid	8015B/5035	169889
570-66529-21	B5-15	Total/NA	Solid	8015B/5035	169889
570-66529-22	B6-0.5	Total/NA	Solid	8015B/5035	169889
570-66529-23	B6-5.0	Total/NA	Solid	8015B/5035	169889
570-66529-24	B6-5.0DUP	Total/NA	Solid	8015B/5035	169889
570-66529-25	B6-10	Total/NA	Solid	8015B/5035	169889
570-66529-26	B6-15	Total/NA	Solid	8015B/5035	169889
MB 570-170423/5	Method Blank	Total/NA	Solid	8015B/5035	
LCS 570-170423/3	Lab Control Sample	Total/NA	Solid	8015B/5035	
LCSD 570-170423/4	Lab Control Sample Dup	Total/NA	Solid	8015B/5035	

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA

### Prep Batch: 169934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	3546	
570-66529-2	B1-5.0	Total/NA	Solid	3546	
570-66529-3	B1-10	Total/NA	Solid	3546	
570-66529-4	B1-15	Total/NA	Solid	3546	
570-66529-5	B2-0.5	Total/NA	Solid	3546	
570-66529-6	B2-5.0	Total/NA	Solid	3546	
570-66529-7	B2-10	Total/NA	Solid	3546	
570-66529-8	B2-15	Total/NA	Solid	3546	
570-66529-9	B3-0.5	Total/NA	Solid	3546	
570-66529-10	B3-5.0	Total/NA	Solid	3546	
570-66529-11	B3-10	Total/NA	Solid	3546	
570-66529-12	B3-15	Total/NA	Solid	3546	
570-66529-13	B4-0.5	Total/NA	Solid	3546	
570-66529-14	B4-0.5DUP	Total/NA	Solid	3546	
570-66529-15	B4-5.0	Total/NA	Solid	3546	
570-66529-16	B4-10	Total/NA	Solid	3546	
570-66529-17	B4-15	Total/NA	Solid	3546	
570-66529-18	B5-0.5	Total/NA	Solid	3546	
570-66529-19	B5-5.0	Total/NA	Solid	3546	
570-66529-20	B5-10	Total/NA	Solid	3546	
MB 570-169934/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-169934/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-169934/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-66529-1 MS	B1-0.5	Total/NA	Solid	3546	
570-66529-1 MSD	B1-0.5	Total/NA	Solid	3546	

### Prep Batch: 169935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-21	B5-15	Total/NA	Solid	3546	
570-66529-22	B6-0.5	Total/NA	Solid	3546	
570-66529-23	B6-5.0	Total/NA	Solid	3546	
570-66529-24	B6-5.0DUP	Total/NA	Solid	3546	
570-66529-25	B6-10	Total/NA	Solid	3546	
570-66529-26	B6-15	Total/NA	Solid	3546	
MB 570-169935/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-169935/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-169935/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-66529-21 MS	B5-15	Total/NA	Solid	3546	
570-66529-21 MSD	B5-15	Total/NA	Solid	3546	

### Prep Batch: 170182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	3546	
570-66529-2	B1-5.0	Total/NA	Solid	3546	
570-66529-3	B1-10	Total/NA	Solid	3546	
570-66529-4	B1-15	Total/NA	Solid	3546	
570-66529-5	B2-0.5	Total/NA	Solid	3546	
570-66529-6	B2-5.0	Total/NA	Solid	3546	
570-66529-7	B2-10	Total/NA	Solid	3546	
570-66529-8	B2-15	Total/NA	Solid	3546	
570-66529-9	B3-0.5	Total/NA	Solid	3546	

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Prep Batch: 170182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-10	B3-5.0	Total/NA	Solid	3546	
570-66529-11	B3-10	Total/NA	Solid	3546	
570-66529-12	B3-15	Total/NA	Solid	3546	
MB 570-170182/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-170182/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-170182/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

### Prep Batch: 170188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-13	B4-0.5	Total/NA	Solid	3546	
570-66529-14	B4-0.5DUP	Total/NA	Solid	3546	
570-66529-15	B4-5.0	Total/NA	Solid	3546	
570-66529-16	B4-10	Total/NA	Solid	3546	
570-66529-17	B4-15	Total/NA	Solid	3546	
570-66529-18	B5-0.5	Total/NA	Solid	3546	
570-66529-19	B5-5.0	Total/NA	Solid	3546	
570-66529-20	B5-10	Total/NA	Solid	3546	
570-66529-21	B5-15	Total/NA	Solid	3546	
570-66529-22	B6-0.5	Total/NA	Solid	3546	
570-66529-23	B6-5.0	Total/NA	Solid	3546	
570-66529-24	B6-5.0DUP	Total/NA	Solid	3546	
570-66529-25	B6-10	Total/NA	Solid	3546	
570-66529-26	B6-15	Total/NA	Solid	3546	
MB 570-170188/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-170188/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-170188/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-66529-14 MS	B4-0.5DUP	Total/NA	Solid	3546	
570-66529-14 MSD	B4-0.5DUP	Total/NA	Solid	3546	

### Analysis Batch: 170251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8081A	170182
570-66529-2	B1-5.0	Total/NA	Solid	8081A	170182
570-66529-3	B1-10	Total/NA	Solid	8081A	170182
570-66529-4	B1-15	Total/NA	Solid	8081A	170182
570-66529-5	B2-0.5	Total/NA	Solid	8081A	170182
570-66529-6	B2-5.0	Total/NA	Solid	8081A	170182
570-66529-7	B2-10	Total/NA	Solid	8081A	170182
570-66529-8	B2-15	Total/NA	Solid	8081A	170182
570-66529-9	B3-0.5	Total/NA	Solid	8081A	170182
570-66529-10	B3-5.0	Total/NA	Solid	8081A	170182
570-66529-11	B3-10	Total/NA	Solid	8081A	170182
570-66529-12	B3-15	Total/NA	Solid	8081A	170182
MB 570-170182/1-A	Method Blank	Total/NA	Solid	8081A	170182
LCS 570-170182/2-A	Lab Control Sample	Total/NA	Solid	8081A	170182
LCSD 570-170182/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	170182

### Analysis Batch: 170281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8141A	169934
570-66529-2	B1-5.0	Total/NA	Solid	8141A	169934

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Analysis Batch: 170281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-3	B1-10	Total/NA	Solid	8141A	169934
570-66529-4	B1-15	Total/NA	Solid	8141A	169934
570-66529-5	B2-0.5	Total/NA	Solid	8141A	169934
570-66529-6	B2-5.0	Total/NA	Solid	8141A	169934
570-66529-7	B2-10	Total/NA	Solid	8141A	169934
570-66529-8	B2-15	Total/NA	Solid	8141A	169934
570-66529-9	B3-0.5	Total/NA	Solid	8141A	169934
570-66529-10	B3-5.0	Total/NA	Solid	8141A	169934
570-66529-11	B3-10	Total/NA	Solid	8141A	169934
570-66529-12	B3-15	Total/NA	Solid	8141A	169934
570-66529-21	B5-15	Total/NA	Solid	8141A	169935
570-66529-22	B6-0.5	Total/NA	Solid	8141A	169935
570-66529-23	B6-5.0	Total/NA	Solid	8141A	169935
570-66529-24	B6-5.0DUP	Total/NA	Solid	8141A	169935
570-66529-25	B6-10	Total/NA	Solid	8141A	169935
570-66529-26	B6-15	Total/NA	Solid	8141A	169935
MB 570-169934/1-A	Method Blank	Total/NA	Solid	8141A	169934
MB 570-169935/1-A	Method Blank	Total/NA	Solid	8141A	169935

### Prep Batch: 170286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8151A	
MB 570-170286/1-A	Method Blank	Total/NA	Water	8151A	
LCS 570-170286/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 570-170286/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

### Prep Batch: 170556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	3510C	
MB 570-170556/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-170556/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-170556/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 170595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-13	B4-0.5	Total/NA	Solid	8081A	170188
570-66529-14	B4-0.5DUP	Total/NA	Solid	8081A	170188
570-66529-15	B4-5.0	Total/NA	Solid	8081A	170188
570-66529-16	B4-10	Total/NA	Solid	8081A	170188
570-66529-17	B4-15	Total/NA	Solid	8081A	170188
570-66529-18	B5-0.5	Total/NA	Solid	8081A	170188
570-66529-19	B5-5.0	Total/NA	Solid	8081A	170188
570-66529-20	B5-10	Total/NA	Solid	8081A	170188
570-66529-21	B5-15	Total/NA	Solid	8081A	170188
570-66529-22	B6-0.5	Total/NA	Solid	8081A	170188
570-66529-23	B6-5.0	Total/NA	Solid	8081A	170188
570-66529-24	B6-5.0DUP	Total/NA	Solid	8081A	170188
570-66529-25	B6-10	Total/NA	Solid	8081A	170188
570-66529-26	B6-15	Total/NA	Solid	8081A	170188
MB 570-170188/1-A	Method Blank	Total/NA	Solid	8081A	170188
LCS 570-170188/2-A	Lab Control Sample	Total/NA	Solid	8081A	170188

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Analysis Batch: 170595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-170188/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	170188
570-66529-14 MS	B4-0.5DUP	Total/NA	Solid	8081A	170188
570-66529-14 MSD	B4-0.5DUP	Total/NA	Solid	8081A	170188

### Prep Batch: 170649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8151A	
570-66529-2	B1-5.0	Total/NA	Solid	8151A	
570-66529-3	B1-10	Total/NA	Solid	8151A	
570-66529-4	B1-15	Total/NA	Solid	8151A	
570-66529-5	B2-0.5	Total/NA	Solid	8151A	
570-66529-6	B2-5.0	Total/NA	Solid	8151A	
MB 570-170649/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 570-170649/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 570-170649/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
570-66529-1 MS	B1-0.5	Total/NA	Solid	8151A	
570-66529-1 MSD	B1-0.5	Total/NA	Solid	8151A	

### Analysis Batch: 170657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8151A	170286
MB 570-170286/1-A	Method Blank	Total/NA	Water	8151A	170286
LCS 570-170286/2-A	Lab Control Sample	Total/NA	Water	8151A	170286
LCSD 570-170286/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	170286

### Prep Batch: 170734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	3510C	
MB 570-170734/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-170734/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-170734/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Prep Batch: 170934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	3510C	
MB 570-170934/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-170934/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-170934/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 170956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8081A	170734
MB 570-170734/1-A	Method Blank	Total/NA	Water	8081A	170734
LCS 570-170734/2-A	Lab Control Sample	Total/NA	Water	8081A	170734
LCSD 570-170734/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	170734

### Analysis Batch: 171134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-13	B4-0.5	Total/NA	Solid	8141A	169934
570-66529-14	B4-0.5DUP	Total/NA	Solid	8141A	169934
570-66529-15	B4-5.0	Total/NA	Solid	8141A	169934

Eurofins Calscience LLC



# QC Association Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Analysis Batch: 171134 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-16	B4-10	Total/NA	Solid	8141A	169934
570-66529-17	B4-15	Total/NA	Solid	8141A	169934
570-66529-18	B5-0.5	Total/NA	Solid	8141A	169934
570-66529-19	B5-5.0	Total/NA	Solid	8141A	169934
570-66529-20	B5-10	Total/NA	Solid	8141A	169934
570-66529-27	EB	Total/NA	Water	8141A	170556
MB 570-170556/1-A	Method Blank	Total/NA	Water	8141A	170556
LCS 570-169934/2-A	Lab Control Sample	Total/NA	Solid	8141A	169934
LCS 570-169935/2-A	Lab Control Sample	Total/NA	Solid	8141A	169935
LCS 570-170556/2-A	Lab Control Sample	Total/NA	Water	8141A	170556
LCSD 570-169934/3-A	Lab Control Sample Dup	Total/NA	Solid	8141A	169934
LCSD 570-169935/3-A	Lab Control Sample Dup	Total/NA	Solid	8141A	169935
LCSD 570-170556/3-A	Lab Control Sample Dup	Total/NA	Water	8141A	170556
570-66529-1 MS	B1-0.5	Total/NA	Solid	8141A	169934
570-66529-1 MSD	B1-0.5	Total/NA	Solid	8141A	169934
570-66529-21 MS	B5-15	Total/NA	Solid	8141A	169935
570-66529-21 MSD	B5-15	Total/NA	Solid	8141A	169935

### Analysis Batch: 171142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-170934/1-A	Method Blank	Total/NA	Water	8015B	170934
LCS 570-170934/2-A	Lab Control Sample	Total/NA	Water	8015B	170934
LCSD 570-170934/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	170934

### Analysis Batch: 171447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	8015B	170934

### Prep Batch: 172456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-7	B2-10	Total/NA	Solid	8151A	
570-66529-8	B2-15	Total/NA	Solid	8151A	
570-66529-9	B3-0.5	Total/NA	Solid	8151A	
570-66529-10	B3-5.0	Total/NA	Solid	8151A	
570-66529-11	B3-10	Total/NA	Solid	8151A	
570-66529-12	B3-15	Total/NA	Solid	8151A	
570-66529-13	B4-0.5	Total/NA	Solid	8151A	
570-66529-14	B4-0.5DUP	Total/NA	Solid	8151A	
570-66529-15	B4-5.0	Total/NA	Solid	8151A	
570-66529-16	B4-10	Total/NA	Solid	8151A	
570-66529-17	B4-15	Total/NA	Solid	8151A	
570-66529-18	B5-0.5	Total/NA	Solid	8151A	
570-66529-19	B5-5.0	Total/NA	Solid	8151A	
570-66529-20	B5-10	Total/NA	Solid	8151A	
570-66529-21	B5-15	Total/NA	Solid	8151A	
570-66529-22	B6-0.5	Total/NA	Solid	8151A	
570-66529-23	B6-5.0	Total/NA	Solid	8151A	
570-66529-24	B6-5.0DUP	Total/NA	Solid	8151A	
570-66529-25	B6-10	Total/NA	Solid	8151A	
570-66529-26	B6-15	Total/NA	Solid	8151A	
MB 570-172456/1-A	Method Blank	Total/NA	Solid	8151A	

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Prep Batch: 172456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-172456/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 570-172456/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
570-66529-7 MS	B2-10	Total/NA	Solid	8151A	
570-66529-7 MSD	B2-10	Total/NA	Solid	8151A	

### Analysis Batch: 172497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8015B	172535
570-66529-2	B1-5.0	Total/NA	Solid	8015B	172535
570-66529-3	B1-10	Total/NA	Solid	8015B	172535
570-66529-4	B1-15	Total/NA	Solid	8015B	172535
570-66529-5	B2-0.5	Total/NA	Solid	8015B	172535
570-66529-6	B2-5.0	Total/NA	Solid	8015B	172535
570-66529-7	B2-10	Total/NA	Solid	8015B	172535
570-66529-8	B2-15	Total/NA	Solid	8015B	172535
570-66529-9	B3-0.5	Total/NA	Solid	8015B	172535
570-66529-10	B3-5.0	Total/NA	Solid	8015B	172535

### Prep Batch: 172535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	3550C	
570-66529-2	B1-5.0	Total/NA	Solid	3550C	
570-66529-3	B1-10	Total/NA	Solid	3550C	
570-66529-4	B1-15	Total/NA	Solid	3550C	
570-66529-5	B2-0.5	Total/NA	Solid	3550C	
570-66529-6	B2-5.0	Total/NA	Solid	3550C	
570-66529-7	B2-10	Total/NA	Solid	3550C	
570-66529-8	B2-15	Total/NA	Solid	3550C	
570-66529-9	B3-0.5	Total/NA	Solid	3550C	
570-66529-10	B3-5.0	Total/NA	Solid	3550C	
MB 570-172535/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-172535/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-172535/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

### Analysis Batch: 172538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-172535/1-A	Method Blank	Total/NA	Solid	8015B	172535
LCS 570-172535/2-A	Lab Control Sample	Total/NA	Solid	8015B	172535
LCSD 570-172535/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	172535

### Prep Batch: 172775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-11	B3-10	Total/NA	Solid	3550C	
570-66529-12	B3-15	Total/NA	Solid	3550C	
570-66529-13	B4-0.5	Total/NA	Solid	3550C	
570-66529-14	B4-0.5DUP	Total/NA	Solid	3550C	
570-66529-15	B4-5.0	Total/NA	Solid	3550C	
570-66529-16	B4-10	Total/NA	Solid	3550C	
570-66529-17	B4-15	Total/NA	Solid	3550C	
570-66529-18	B5-0.5	Total/NA	Solid	3550C	
570-66529-19	B5-5.0	Total/NA	Solid	3550C	

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA (Continued)

### Prep Batch: 172775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-20	B5-10	Total/NA	Solid	3550C	
570-66529-21	B5-15	Total/NA	Solid	3550C	
570-66529-22	B6-0.5	Total/NA	Solid	3550C	
570-66529-23	B6-5.0	Total/NA	Solid	3550C	
570-66529-24	B6-5.0DUP	Total/NA	Solid	3550C	
570-66529-25	B6-10	Total/NA	Solid	3550C	
570-66529-26	B6-15	Total/NA	Solid	3550C	
MB 570-172775/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-172775/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-172775/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-66529-11 MS	B3-10	Total/NA	Solid	3550C	
570-66529-11 MSD	B3-10	Total/NA	Solid	3550C	

### Analysis Batch: 172841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	8151A	170649
570-66529-2	B1-5.0	Total/NA	Solid	8151A	170649
570-66529-3	B1-10	Total/NA	Solid	8151A	170649
570-66529-4	B1-15	Total/NA	Solid	8151A	170649
570-66529-5	B2-0.5	Total/NA	Solid	8151A	170649
570-66529-6	B2-5.0	Total/NA	Solid	8151A	170649
MB 570-170649/1-A	Method Blank	Total/NA	Solid	8151A	170649
LCS 570-170649/2-A	Lab Control Sample	Total/NA	Solid	8151A	170649
LCSD 570-170649/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	170649
570-66529-1 MS	B1-0.5	Total/NA	Solid	8151A	170649
570-66529-1 MSD	B1-0.5	Total/NA	Solid	8151A	170649

### Analysis Batch: 172868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-11	B3-10	Total/NA	Solid	8015B	172775
570-66529-12	B3-15	Total/NA	Solid	8015B	172775
570-66529-13	B4-0.5	Total/NA	Solid	8015B	172775
570-66529-14	B4-0.5DUP	Total/NA	Solid	8015B	172775
570-66529-15	B4-5.0	Total/NA	Solid	8015B	172775
570-66529-16	B4-10	Total/NA	Solid	8015B	172775
570-66529-17	B4-15	Total/NA	Solid	8015B	172775
570-66529-18	B5-0.5	Total/NA	Solid	8015B	172775
570-66529-19	B5-5.0	Total/NA	Solid	8015B	172775
570-66529-20	B5-10	Total/NA	Solid	8015B	172775
570-66529-21	B5-15	Total/NA	Solid	8015B	172775
570-66529-22	B6-0.5	Total/NA	Solid	8015B	172775
570-66529-23	B6-5.0	Total/NA	Solid	8015B	172775
570-66529-24	B6-5.0DUP	Total/NA	Solid	8015B	172775
570-66529-25	B6-10	Total/NA	Solid	8015B	172775
570-66529-26	B6-15	Total/NA	Solid	8015B	172775
MB 570-172775/1-A	Method Blank	Total/NA	Solid	8015B	172775
LCS 570-172775/2-A	Lab Control Sample	Total/NA	Solid	8015B	172775
LCSD 570-172775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	172775
570-66529-11 MS	B3-10	Total/NA	Solid	8015B	172775
570-66529-11 MSD	B3-10	Total/NA	Solid	8015B	172775

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## GC Semi VOA

### Analysis Batch: 174010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-7	B2-10	Total/NA	Solid	8151A	172456
570-66529-8	B2-15	Total/NA	Solid	8151A	172456
570-66529-9	B3-0.5	Total/NA	Solid	8151A	172456
570-66529-10	B3-5.0	Total/NA	Solid	8151A	172456
570-66529-11	B3-10	Total/NA	Solid	8151A	172456
570-66529-12	B3-15	Total/NA	Solid	8151A	172456
570-66529-13	B4-0.5	Total/NA	Solid	8151A	172456
570-66529-14	B4-0.5DUP	Total/NA	Solid	8151A	172456
570-66529-15	B4-5.0	Total/NA	Solid	8151A	172456
570-66529-16	B4-10	Total/NA	Solid	8151A	172456
570-66529-17	B4-15	Total/NA	Solid	8151A	172456
570-66529-18	B5-0.5	Total/NA	Solid	8151A	172456
570-66529-19	B5-5.0	Total/NA	Solid	8151A	172456
570-66529-20	B5-10	Total/NA	Solid	8151A	172456
570-66529-21	B5-15	Total/NA	Solid	8151A	172456
570-66529-22	B6-0.5	Total/NA	Solid	8151A	172456
570-66529-23	B6-5.0	Total/NA	Solid	8151A	172456
570-66529-24	B6-5.0DUP	Total/NA	Solid	8151A	172456
570-66529-25	B6-10	Total/NA	Solid	8151A	172456
570-66529-26	B6-15	Total/NA	Solid	8151A	172456
MB 570-172456/1-A	Method Blank	Total/NA	Solid	8151A	172456
LCS 570-172456/2-A	Lab Control Sample	Total/NA	Solid	8151A	172456
LCSD 570-172456/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	172456
570-66529-7 MS	B2-10	Total/NA	Solid	8151A	172456
570-66529-7 MSD	B2-10	Total/NA	Solid	8151A	172456

## Metals

### Prep Batch: 170487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total Recoverable	Water	3005A	
MB 570-170487/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-170487/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-170487/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

### Analysis Batch: 170643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-170487/1-A	Method Blank	Total Recoverable	Water	6010B	170487
LCS 570-170487/2-A	Lab Control Sample	Total Recoverable	Water	6010B	170487
LCSD 570-170487/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	170487

### Prep Batch: 170823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	7470A	
MB 570-170823/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-170823/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-170823/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

### Analysis Batch: 170895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total Recoverable	Water	6010B	170487

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Metals

### Analysis Batch: 171187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-170823/1-A	Method Blank	Total/NA	Water	7470A	170823
LCS 570-170823/2-A	Lab Control Sample	Total/NA	Water	7470A	170823
LCSD 570-170823/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	170823

### Analysis Batch: 171687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-27	EB	Total/NA	Water	7470A	170823

### Prep Batch: 172595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	7471A	
570-66529-2	B1-5.0	Total/NA	Solid	7471A	
570-66529-3	B1-10	Total/NA	Solid	7471A	
570-66529-4	B1-15	Total/NA	Solid	7471A	
570-66529-5	B2-0.5	Total/NA	Solid	7471A	
570-66529-6	B2-5.0	Total/NA	Solid	7471A	
570-66529-7	B2-10	Total/NA	Solid	7471A	
570-66529-8	B2-15	Total/NA	Solid	7471A	
570-66529-9	B3-0.5	Total/NA	Solid	7471A	
570-66529-10	B3-5.0	Total/NA	Solid	7471A	
570-66529-11	B3-10	Total/NA	Solid	7471A	
570-66529-12	B3-15	Total/NA	Solid	7471A	
570-66529-13	B4-0.5	Total/NA	Solid	7471A	
570-66529-14	B4-0.5DUP	Total/NA	Solid	7471A	
570-66529-15	B4-5.0	Total/NA	Solid	7471A	
570-66529-16	B4-10	Total/NA	Solid	7471A	
570-66529-17	B4-15	Total/NA	Solid	7471A	
570-66529-18	B5-0.5	Total/NA	Solid	7471A	
570-66529-19	B5-5.0	Total/NA	Solid	7471A	
570-66529-20	B5-10	Total/NA	Solid	7471A	
MB 570-172595/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-172595/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-172595/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-66529-1 MS	B1-0.5	Total/NA	Solid	7471A	
570-66529-1 MSD	B1-0.5	Total/NA	Solid	7471A	

### Prep Batch: 172623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-21	B5-15	Total/NA	Solid	7471A	
570-66529-22	B6-0.5	Total/NA	Solid	7471A	
570-66529-23	B6-5.0	Total/NA	Solid	7471A	
570-66529-24	B6-5.0DUP	Total/NA	Solid	7471A	
570-66529-25	B6-10	Total/NA	Solid	7471A	
570-66529-26	B6-15	Total/NA	Solid	7471A	
MB 570-172623/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-172623/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-172623/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-66529-21 MS	B5-15	Total/NA	Solid	7471A	
570-66529-21 MSD	B5-15	Total/NA	Solid	7471A	

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Metals

### Prep Batch: 172649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	3050B	
570-66529-2	B1-5.0	Total/NA	Solid	3050B	
570-66529-3	B1-10	Total/NA	Solid	3050B	
570-66529-4	B1-15	Total/NA	Solid	3050B	
570-66529-5	B2-0.5	Total/NA	Solid	3050B	
570-66529-6	B2-5.0	Total/NA	Solid	3050B	
570-66529-7	B2-10	Total/NA	Solid	3050B	
570-66529-8	B2-15	Total/NA	Solid	3050B	
570-66529-9	B3-0.5	Total/NA	Solid	3050B	
570-66529-10	B3-5.0	Total/NA	Solid	3050B	
570-66529-11	B3-10	Total/NA	Solid	3050B	
570-66529-12	B3-15	Total/NA	Solid	3050B	
570-66529-13	B4-0.5	Total/NA	Solid	3050B	
570-66529-14	B4-0.5DUP	Total/NA	Solid	3050B	
570-66529-15	B4-5.0	Total/NA	Solid	3050B	
570-66529-16	B4-10	Total/NA	Solid	3050B	
570-66529-17	B4-15	Total/NA	Solid	3050B	
570-66529-18	B5-0.5	Total/NA	Solid	3050B	
570-66529-19	B5-5.0	Total/NA	Solid	3050B	
570-66529-20	B5-10	Total/NA	Solid	3050B	
MB 570-172649/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-172649/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-172649/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-66529-1 MS	B1-0.5	Total/NA	Solid	3050B	
570-66529-1 MSD	B1-0.5	Total/NA	Solid	3050B	

### Prep Batch: 172661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-21	B5-15	Total/NA	Solid	3050B	
570-66529-22	B6-0.5	Total/NA	Solid	3050B	
570-66529-23	B6-5.0	Total/NA	Solid	3050B	
570-66529-24	B6-5.0DUP	Total/NA	Solid	3050B	
570-66529-25	B6-10	Total/NA	Solid	3050B	
570-66529-26	B6-15	Total/NA	Solid	3050B	
MB 570-172661/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-172661/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-172661/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-66529-21 MS	B5-15	Total/NA	Solid	3050B	
570-66529-21 MSD	B5-15	Total/NA	Solid	3050B	

### Analysis Batch: 172790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	7471A	172595
570-66529-2	B1-5.0	Total/NA	Solid	7471A	172595
570-66529-3	B1-10	Total/NA	Solid	7471A	172595
570-66529-4	B1-15	Total/NA	Solid	7471A	172595
570-66529-5	B2-0.5	Total/NA	Solid	7471A	172595
570-66529-6	B2-5.0	Total/NA	Solid	7471A	172595
570-66529-7	B2-10	Total/NA	Solid	7471A	172595
570-66529-8	B2-15	Total/NA	Solid	7471A	172595
570-66529-9	B3-0.5	Total/NA	Solid	7471A	172595

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Metals (Continued)

### Analysis Batch: 172790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-10	B3-5.0	Total/NA	Solid	7471A	172595
570-66529-11	B3-10	Total/NA	Solid	7471A	172595
570-66529-12	B3-15	Total/NA	Solid	7471A	172595
570-66529-13	B4-0.5	Total/NA	Solid	7471A	172595
570-66529-14	B4-0.5DUP	Total/NA	Solid	7471A	172595
570-66529-15	B4-5.0	Total/NA	Solid	7471A	172595
570-66529-16	B4-10	Total/NA	Solid	7471A	172595
570-66529-17	B4-15	Total/NA	Solid	7471A	172595
570-66529-18	B5-0.5	Total/NA	Solid	7471A	172595
570-66529-19	B5-5.0	Total/NA	Solid	7471A	172595
570-66529-20	B5-10	Total/NA	Solid	7471A	172595
570-66529-21	B5-15	Total/NA	Solid	7471A	172623
570-66529-22	B6-0.5	Total/NA	Solid	7471A	172623
570-66529-23	B6-5.0	Total/NA	Solid	7471A	172623
570-66529-24	B6-5.0DUP	Total/NA	Solid	7471A	172623
570-66529-25	B6-10	Total/NA	Solid	7471A	172623
570-66529-26	B6-15	Total/NA	Solid	7471A	172623
MB 570-172595/1-A	Method Blank	Total/NA	Solid	7471A	172595
MB 570-172623/1-A	Method Blank	Total/NA	Solid	7471A	172623
LCS 570-172595/2-A	Lab Control Sample	Total/NA	Solid	7471A	172595
LCS 570-172623/2-A	Lab Control Sample	Total/NA	Solid	7471A	172623
LCSD 570-172595/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	172595
LCSD 570-172623/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	172623
570-66529-1 MS	B1-0.5	Total/NA	Solid	7471A	172595
570-66529-1 MSD	B1-0.5	Total/NA	Solid	7471A	172595
570-66529-21 MS	B5-15	Total/NA	Solid	7471A	172623
570-66529-21 MSD	B5-15	Total/NA	Solid	7471A	172623

### Analysis Batch: 172875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-1	B1-0.5	Total/NA	Solid	6010B	172649
570-66529-2	B1-5.0	Total/NA	Solid	6010B	172649
570-66529-3	B1-10	Total/NA	Solid	6010B	172649
570-66529-4	B1-15	Total/NA	Solid	6010B	172649
570-66529-5	B2-0.5	Total/NA	Solid	6010B	172649
570-66529-6	B2-5.0	Total/NA	Solid	6010B	172649
570-66529-7	B2-10	Total/NA	Solid	6010B	172649
570-66529-8	B2-15	Total/NA	Solid	6010B	172649
570-66529-9	B3-0.5	Total/NA	Solid	6010B	172649
570-66529-10	B3-5.0	Total/NA	Solid	6010B	172649
570-66529-11	B3-10	Total/NA	Solid	6010B	172649
570-66529-12	B3-15	Total/NA	Solid	6010B	172649
570-66529-13	B4-0.5	Total/NA	Solid	6010B	172649
570-66529-14	B4-0.5DUP	Total/NA	Solid	6010B	172649
570-66529-15	B4-5.0	Total/NA	Solid	6010B	172649
570-66529-16	B4-10	Total/NA	Solid	6010B	172649
570-66529-17	B4-15	Total/NA	Solid	6010B	172649
570-66529-18	B5-0.5	Total/NA	Solid	6010B	172649
570-66529-19	B5-5.0	Total/NA	Solid	6010B	172649
570-66529-20	B5-10	Total/NA	Solid	6010B	172649
570-66529-21	B5-15	Total/NA	Solid	6010B	172661

Eurofins Calscience LLC

# QC Association Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Metals (Continued)

### Analysis Batch: 172875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66529-22	B6-0.5	Total/NA	Solid	6010B	172661
570-66529-23	B6-5.0	Total/NA	Solid	6010B	172661
570-66529-24	B6-5.0DUP	Total/NA	Solid	6010B	172661
570-66529-25	B6-10	Total/NA	Solid	6010B	172661
570-66529-26	B6-15	Total/NA	Solid	6010B	172661
MB 570-172649/1-A	Method Blank	Total/NA	Solid	6010B	172649
MB 570-172661/1-A	Method Blank	Total/NA	Solid	6010B	172661
LCS 570-172649/2-A	Lab Control Sample	Total/NA	Solid	6010B	172649
LCS 570-172661/2-A	Lab Control Sample	Total/NA	Solid	6010B	172661
LCSD 570-172649/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	172649
LCSD 570-172661/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	172661
570-66529-1 MS	B1-0.5	Total/NA	Solid	6010B	172649
570-66529-1 MSD	B1-0.5	Total/NA	Solid	6010B	172649
570-66529-21 MS	B5-15	Total/NA	Solid	6010B	172661
570-66529-21 MSD	B5-15	Total/NA	Solid	6010B	172661



# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B1-0.5**

**Lab Sample ID: 570-66529-1**

**Date Collected: 08/06/21 06:30**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.235 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 21:42	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.377 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 10:26	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.91 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 11:31	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.22 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 14:24	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			9.88 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 22:40	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.42 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 05:11	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.05 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:44	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.63 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:17	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B1-5.0**

**Lab Sample ID: 570-66529-2**

**Date Collected: 08/06/21 06:35**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.916 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 22:04	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.022 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 10:50	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.30 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 11:53	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.16 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 10:22	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			9.98 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 23:28	UJ3K	ECL 1
Instrument ID: GC69										

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# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B1-5.0**

**Lab Sample ID: 570-66529-2**

**Date Collected: 08/06/21 06:35**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			51.91 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 05:34	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.04 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:52	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.61 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:22	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B1-10**

**Lab Sample ID: 570-66529-3**

**Date Collected: 08/06/21 06:40**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.527 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 22:27	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.31 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 11:19	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.45 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 12:15	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.12 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 14:39	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			9.79 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 01:03	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.27 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 06:20	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.92 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:54	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:24	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B1-15**  
**Date Collected: 08/06/21 06:45**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-4**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.405 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 22:49	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			7.105 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 11:43	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.22 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 12:37	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.17 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 14:53	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.18 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 01:51	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			51.06 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 06:43	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.97 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:57	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:26	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.984 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 23:11	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.082 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 12:07	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.87 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 12:59	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.15 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 10:50	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.06 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 02:38	UJ3K	ECL 1
Instrument ID: GC69										

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# Lab Chronicle

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B2-0.5**  
**Date Collected: 08/06/21 06:50**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-5**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			49.30 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 07:06	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.94 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:00	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.62 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:28	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B2-5.0**  
**Date Collected: 08/06/21 06:55**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-6**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.507 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 23:33	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.288 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 12:32	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.40 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 13:21	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.19 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 10:36	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.25 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 03:26	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			50.47 g	5 mL	170649	08/11/21 19:05	J7WE	ECL 1
Total/NA	Analysis	8151A		1			172841	08/20/21 07:29	UHHN	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.99 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:03	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.61 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:33	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B2-10**  
**Date Collected: 08/06/21 07:00**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-7**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.797 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/09/21 23:55	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.771 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 12:56	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.68 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 13:43	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.11 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 15:07	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.13 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 04:13	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			50.79 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 19:15	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.05 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:05	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:35	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B2-15**  
**Date Collected: 08/06/21 07:05**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-8**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.295 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 00:18	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.826 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 13:20	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.46 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 14:05	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.13 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 15:22	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.11 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 05:01	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B2-15

## Lab Sample ID: 570-66529-8

Date Collected: 08/06/21 07:05

Matrix: Solid

Date Received: 08/06/21 15:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			49.50 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 19:39	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.00 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:08	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.63 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:37	VWJ7	ECL 1
Instrument ID: HG7										

## Client Sample ID: B3-0.5

## Lab Sample ID: 570-66529-9

Date Collected: 08/06/21 08:30

Matrix: Solid

Date Received: 08/06/21 15:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.182 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 00:40	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			8.84 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 13:44	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.33 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 14:27	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.20 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 15:36	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.17 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 05:49	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			47.87 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 20:02	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.01 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:19	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:39	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B3-5.0**

**Lab Sample ID: 570-66529-10**

**Date Collected: 08/06/21 08:35**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.356 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 01:02	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.062 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 14:08	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.19 g	10 mL	172535	08/18/21 18:23	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172497	08/19/21 14:49	N1A	ECL 1
Instrument ID: GC47										
Total/NA	Prep	3546			20.24 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 11:05	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.14 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 06:36	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.49 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 20:25	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.06 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:21	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.57 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:41	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B3-10**

**Lab Sample ID: 570-66529-11**

**Date Collected: 08/06/21 08:40**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.828 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 01:24	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.683 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 15:17	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.54 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 03:26	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.38 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 15:50	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.16 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 07:24	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B3-10

Date Collected: 08/06/21 08:40

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			48.25 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 20:48	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.03 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:24	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.58 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:43	VWJ7	ECL 1
Instrument ID: HG7										

## Client Sample ID: B3-15

Date Collected: 08/06/21 08:45

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.435 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 01:46	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.298 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 15:41	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.95 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 03:49	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.16 g	10 mL	170182	08/10/21 13:04	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170251	08/11/21 16:47	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.24 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/13/21 08:12	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			48.46 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 21:11	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.10 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:27	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.61 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:44	VWJ7	ECL 1
Instrument ID: HG7										



# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B4-0.5**

**Lab Sample ID: 570-66529-13**

**Date Collected: 08/06/21 08:50**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.752 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 02:08	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.391 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 16:05	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.70 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 04:10	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.16 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 19:19	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.28 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 08:41	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			48.72 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 21:34	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.92 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:30	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:46	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B4-0.5DUP**

**Lab Sample ID: 570-66529-14**

**Date Collected: 08/06/21 08:51**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.301 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 02:30	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			7.038 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 16:29	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.06 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 04:32	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.20 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 19:33	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.16 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 09:29	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B4-0.5DUP**

**Lab Sample ID: 570-66529-14**

**Date Collected: 08/06/21 08:51**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			48.54 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 21:57	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.94 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:32	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:48	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B4-5.0**

**Lab Sample ID: 570-66529-15**

**Date Collected: 08/06/21 08:55**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.121 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 02:53	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.329 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 16:53	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			10.45 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 04:54	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.18 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 20:02	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.22 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 10:16	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			47.93 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 22:20	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.99 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:35	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.63 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:50	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B4-10**

**Lab Sample ID: 570-66529-16**

**Date Collected: 08/06/21 09:00**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.605 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 03:15	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			4.864 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170394	08/11/21 17:17	P1R	ECL 2
Instrument ID: GC22										
Total/NA	Prep	3550C			9.81 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 05:15	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.14 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 20:16	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.20 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 11:04	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			47.57 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 22:43	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.97 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:38	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:56	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B4-15**

**Lab Sample ID: 570-66529-17**

**Date Collected: 08/06/21 09:05**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.623 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 03:37	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.4 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 11:24	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			9.51 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 05:37	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.16 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 20:30	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.24 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 11:52	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B4-15

Date Collected: 08/06/21 09:05

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			52.17 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 23:06	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.92 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:41	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.57 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:58	VWJ7	ECL 1
Instrument ID: HG7										

## Client Sample ID: B5-0.5

Date Collected: 08/06/21 09:30

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.433 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 03:59	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.484 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 11:48	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			10.25 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 05:58	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.19 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 19:48	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.18 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 12:39	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			51.84 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 23:29	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.99 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:43	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.61 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 16:59	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B5-5.0**

**Lab Sample ID: 570-66529-19**

**Date Collected: 08/06/21 09:35**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.24 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 04:21	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			6.072 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 12:11	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			10.58 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 06:21	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.13 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 20:44	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.12 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 13:27	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			50.15 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/24/21 23:52	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.05 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:55	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 17:01	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B5-10**

**Lab Sample ID: 570-66529-20**

**Date Collected: 08/06/21 09:40**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.393 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	169996	08/10/21 04:43	N1A	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Prep	5035			5.279 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 12:35	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			9.97 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 06:42	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.15 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 22:39	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.14 g	10 mL	169934	08/09/21 14:28	F7UI	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 14:15	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B5-10

Date Collected: 08/06/21 09:40

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			48.53 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 00:15	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.00 g	100 mL	172649	08/19/21 07:37	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 16:58	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.63 g	100 mL	172595	08/19/21 06:24	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 17:03	VWJ7	ECL 1
Instrument ID: HG7										

## Client Sample ID: B5-15

Date Collected: 08/06/21 09:45

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.926 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 18:59	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			6.792 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 12:59	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			10.00 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 07:03	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.11 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 20:59	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.24 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 17:07	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			48.27 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 00:38	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.07 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 14:37	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 12:49	VWJ7	ECL 1
Instrument ID: HG7										

# Lab Chronicle

Client: NV5, Inc  
 Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B6-0.5**  
**Date Collected: 08/06/21 07:20**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-22**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.704 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 19:25	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			5.772 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 13:23	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			10.06 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 07:25	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.22 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 21:13	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.17 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 17:55	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.05 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 01:24	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.07 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 14:53	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 12:58	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B6-5.0**  
**Date Collected: 08/06/21 07:25**  
**Date Received: 08/06/21 15:07**

**Lab Sample ID: 570-66529-23**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.649 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 19:51	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			5.379 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 13:47	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			9.69 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 07:46	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.29 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 21:27	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.22 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 18:42	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B6-5.0**

**Lab Sample ID: 570-66529-23**

**Date Collected: 08/06/21 07:25**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			50.30 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 01:47	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			2.06 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 14:56	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.60 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 13:00	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B6-5.0DUP**

**Lab Sample ID: 570-66529-24**

**Date Collected: 08/06/21 07:26**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 20:16	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			5.54 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 14:11	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			9.69 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 08:07	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.16 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 21:41	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.26 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 19:30	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			51.11 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 02:10	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.94 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 14:59	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.59 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 13:02	VWJ7	ECL 1
Instrument ID: HG7										



# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Client Sample ID: B6-10**

**Lab Sample ID: 570-66529-25**

**Date Collected: 08/06/21 07:30**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.313 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 20:42	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			5.973 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 14:35	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			10.21 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 08:29	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.23 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 21:56	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.13 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 20:18	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.25 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 02:33	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.99 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:01	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.61 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 13:04	VWJ7	ECL 1
Instrument ID: HG7										

**Client Sample ID: B6-15**

**Lab Sample ID: 570-66529-26**

**Date Collected: 08/06/21 07:35**

**Matrix: Solid**

**Date Received: 08/06/21 15:07**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.082 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8260B/5035		1	5 mL	5 mL	170095	08/10/21 21:07	U4JL	ECL 2
Instrument ID: GCMSGGG										
Total/NA	Prep	5035			5.322 g	5 g	169889	08/09/21 12:15	C5SC	ECL 2
Total/NA	Analysis	8015B/5035		1	5 g	5 mL	170423	08/11/21 14:59	P1R	ECL 2
Instrument ID: GC53										
Total/NA	Prep	3550C			9.59 g	10 mL	172775	08/19/21 12:52	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			172868	08/20/21 08:51	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3546			20.18 g	10 mL	170188	08/10/21 13:09	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170595	08/11/21 22:10	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.16 g	10 mL	169935	08/09/21 14:30	F7UI	ECL 1
Total/NA	Analysis	8141A		1			170281	08/12/21 21:05	UJ3K	ECL 1
Instrument ID: GC69										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Client Sample ID: B6-15

Date Collected: 08/06/21 07:35

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			47.85 g	5 mL	172456	08/18/21 15:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			174010	08/25/21 02:56	J7WE	ECL 1
Instrument ID: GC40										
Total/NA	Prep	3050B			1.92 g	100 mL	172661	08/19/21 08:11	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172875	08/19/21 15:12	ULPF	ECL 1
Instrument ID: ICP9										
Total/NA	Prep	7471A			.63 g	100 mL	172623	08/19/21 06:29	WL8G	ECL 1
Total/NA	Analysis	7471A		1			172790	08/19/21 13:06	VWJ7	ECL 1
Instrument ID: HG7										

## Client Sample ID: EB

Date Collected: 08/06/21 10:00

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172219	08/18/21 05:47	A1W	ECL 2
Instrument ID: GCMSXX										
Total/NA	Analysis	8015B		1	5 mL	5 mL	170262	08/11/21 03:19	U1MC	ECL 2
Instrument ID: GC57										
Total/NA	Prep	3510C			241.5 mL	2.5 mL	170934	08/12/21 17:33	UYUW	ECL 1
Total/NA	Analysis	8015B		1			171447	08/15/21 11:58	N1A	ECL 1
Instrument ID: GC48										
Total/NA	Prep	3510C			1019.9 mL	5 mL	170734	08/12/21 08:51	H1SH	ECL 1
Total/NA	Analysis	8081A		1			170956	08/13/21 09:57	UJ3K	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3510C			1020.6 mL	10 mL	170556	08/11/21 14:07	H1SH	ECL 1
Total/NA	Analysis	8141A		1			171134	08/15/21 07:54	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			1018.9 mL	5 mL	170286	08/10/21 18:08	J7WE	ECL 1
Total/NA	Analysis	8151A		1			170657	08/12/21 03:52	J7WE	ECL 1
Instrument ID: GC41										
Total Recoverable	Prep	3005A			50 mL	50 mL	170487	08/11/21 10:50	B4SY	ECL 1
Total Recoverable	Analysis	6010B		1			170895	08/12/21 12:19	ULPF	ECL 1
Instrument ID: ICP8										
Total/NA	Prep	7470A			50 mL	100 mL	170823	08/12/21 11:50	B4SY	ECL 1
Total/NA	Analysis	7470A		1			171687	08/16/21 12:26	VWJ7	ECL 1
Instrument ID: HG8										

## Client Sample ID: TB

Date Collected: 08/06/21 00:00

Date Received: 08/06/21 15:07

## Lab Sample ID: 570-66529-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172219	08/18/21 02:22	A1W	ECL 2
Instrument ID: GCMSXX										

Eurofins Calscience LLC

# Lab Chronicle

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494  
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

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- 14
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# Accreditation/Certification Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21
Oregon	NELAP	CA300001	01-30-22

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# Method Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8260B/5035	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B/5035	Gasoline Range Organics (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8141A	Organophosphorous Pesticides (GC)	SW846	ECL 1
8151A	Herbicides (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
5035	Closed System Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1
7471A	Preparation, Mercury	SW846	ECL 1
8151A	Extraction (Herbicides)	SW846	ECL 1

#### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: NV5, Inc  
Project/Site: Lack Rd Bridge / NVEE-21-10415

Job ID: 570-66529-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-66529-1	B1-0.5	Solid	08/06/21 06:30	08/06/21 15:07
570-66529-2	B1-5.0	Solid	08/06/21 06:35	08/06/21 15:07
570-66529-3	B1-10	Solid	08/06/21 06:40	08/06/21 15:07
570-66529-4	B1-15	Solid	08/06/21 06:45	08/06/21 15:07
570-66529-5	B2-0.5	Solid	08/06/21 06:50	08/06/21 15:07
570-66529-6	B2-5.0	Solid	08/06/21 06:55	08/06/21 15:07
570-66529-7	B2-10	Solid	08/06/21 07:00	08/06/21 15:07
570-66529-8	B2-15	Solid	08/06/21 07:05	08/06/21 15:07
570-66529-9	B3-0.5	Solid	08/06/21 08:30	08/06/21 15:07
570-66529-10	B3-5.0	Solid	08/06/21 08:35	08/06/21 15:07
570-66529-11	B3-10	Solid	08/06/21 08:40	08/06/21 15:07
570-66529-12	B3-15	Solid	08/06/21 08:45	08/06/21 15:07
570-66529-13	B4-0.5	Solid	08/06/21 08:50	08/06/21 15:07
570-66529-14	B4-0.5DUP	Solid	08/06/21 08:51	08/06/21 15:07
570-66529-15	B4-5.0	Solid	08/06/21 08:55	08/06/21 15:07
570-66529-16	B4-10	Solid	08/06/21 09:00	08/06/21 15:07
570-66529-17	B4-15	Solid	08/06/21 09:05	08/06/21 15:07
570-66529-18	B5-0.5	Solid	08/06/21 09:30	08/06/21 15:07
570-66529-19	B5-5.0	Solid	08/06/21 09:35	08/06/21 15:07
570-66529-20	B5-10	Solid	08/06/21 09:40	08/06/21 15:07
570-66529-21	B5-15	Solid	08/06/21 09:45	08/06/21 15:07
570-66529-22	B6-0.5	Solid	08/06/21 07:20	08/06/21 15:07
570-66529-23	B6-5.0	Solid	08/06/21 07:25	08/06/21 15:07
570-66529-24	B6-5.0DUP	Solid	08/06/21 07:26	08/06/21 15:07
570-66529-25	B6-10	Solid	08/06/21 07:30	08/06/21 15:07
570-66529-26	B6-15	Solid	08/06/21 07:35	08/06/21 15:07
570-66529-27	EB	Water	08/06/21 10:00	08/06/21 15:07
570-66529-28	TB	Water	08/06/21 00:00	08/06/21 15:07







60529



Calscience

CHAIN OF CUSTODY RECORD

DATE: 8/6/21  
PAGE: 3 OF 3

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494  
For courier service / sample drop off information contact us@eurofins.com or call us.

LABORATORY CLIENT: **NV5**  
 ADDRESS: **3773 Long Beach Blvd, Annex Bldg** CITY: **Long Beach** STATE: **CA** ZIP: **90807**  
 TEL: **562-495-5333** E-MAIL: **epic\_trails@nv5.com**  
 TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS STANDARD  
 COELT EDF GLOBAL ID: \_\_\_\_\_

CLIENT PROJECT NAME / NUMBER: **LOCK RD. BRIDGE / NVEE-21-10415**  
 PROJECT CONTACT: **Vik Patel / Mark Onestine** SAMPLER(S) (PRINT): **b. Patel**  
 P.O. NO.: \_\_\_\_\_

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	LOG CODE:			TPH(g) <input checked="" type="checkbox"/> GRO (8015)	TPH(d) <input checked="" type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH-0 (8015)	BTEX / MTBE <input type="checkbox"/> 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input checked="" type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 2186	OPPs (8414)	Chlorinated PCB (8514)		
		DATE	TIME			Unpreserved	Preserved	Field Filtered																		
21	B5-15	8/6/21	0945	soil	1X 100ML 3X 100ML				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	B6-0.5		0720						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	B6-5.0		0725						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	B6-5.0 DUP		0726						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	B6-10		0730						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	B6-15		0735						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	EB		1000	W	11X Bottles				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	TB			W	2X 100ml				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by (Signature): **[Signature]** (Bina Patel)  
 Relinquished by (Signature): **[Signature]**  
 Relinquished by (Signature): **[Signature]**  
 Received by (Signature/Affiliation): **Dannyl Ez**  
 Received by (Signature/Affiliation): \_\_\_\_\_  
 Received by (Signature/Affiliation): \_\_\_\_\_  
 Date: 8/6/21  
 Time: 15:07

# Login Sample Receipt Checklist

Client: NV5, Inc

Job Number: 570-66529-1

**Login Number: 66529**

**List Source: Eurofins Calscience LLC**

**List Number: 1**

**Creator: Ramos, Maribel**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	