



March 16,2020
HWA Project No. 98165-670

City of Everett Public Works Department
3200 Cedar Street
Everett, WA 98201

Attention: Mark Sadler

**Subject: Gas Monitoring Annual Report, 2019
Everett Landfill/Tire Fire Site
Everett, Washington**

Dear Mark,

This letter presents the annual report for gas monitoring at the Everett Landfill (herein referred to as the Landfill) for calendar year 2019, per the Compliance Monitoring and Contingency Plan.

Gas Probe Monitoring

Three quarterly sampling events conducted on the following dates are discussed in this annual report:

- 1/15/2019
- 4/26/19 and 4/29/19
- 7/1/19 and 7/9/19
- 10/28/19 and 11/13/2019

Figures 1 and 2 show the gas monitoring probe and building locations. Gas monitoring data at selected Landfill gas probes is summarized in Table 1.

A landfill gas extraction trench (also known as a gas interception or collection trench) was constructed along most of the northern portion of the west Landfill boundary and commenced operation in 2004. This trench was designed to prevent offsite migration by intercepting gas originating from the landfill at the site boundary. A northern extension of the perimeter gas interception trench was also constructed (in the same project) along the southern edge of the 36th Street right-of-way in 2004. A second landfill gas extraction was installed along the northern edge of the 36th Street right-of-way, parallel and north of the 2004 trench, in 2006. The 41st Street overcrossing gas extraction system was installed in 2006. An additional perimeter gas interception trench was installed along the

eastern landfill boundary, utilizing the existing leachate collector trench in 2013. A new segment of gas interceptor was completed in 2018 along the southeastern landfill boundary, as an extension of the existing gas collector along the eastern boundary, also utilizing the existing leachate collector trench. A second, separate gas extraction trench is under construction from the southern tip of the landfill some 480 feet northward, east of the combined leachate collector/gas extraction trench. At present, almost the entire landfill is surrounded by multiple gas interception trenches.

Monitoring highlights for the year include:

Landfill interior - Methane exceeding 5% by volume (which equals 100% of the lower explosive limit, or LEL) had been historically detected in most of the Landfill interior gas probes (which were completed in or near waste), as expected. By 2008, all gas probes within the Landfill footprint except LG-14, LG-15, and LG-16 were decommissioned in accordance with Chapter 173-160 WAC in preparation for site development activities. These three remaining probes have generally exhibited high methane concentrations, as expected. The 2019 methane concentrations ranged up to 74%, consistent with historical measurements in the landfill interior. Figure 5 shows methane concentrations over time in the three remaining interior gas probes. Site preloading activities over the last few years may have affected gas concentrations.

South end of landfill - Three gas probes, LG-82, LG-83, and LG-84 were installed at the south end of the Landfill at the request of the Washington State Department of Ecology (Ecology) in June 2015. 2019 results indicated methane concentrations ranging up to 59% at these probes, similar to prior measured concentrations. These three probes are completed in landfill waste and have similar methane concentrations to other landfill interior probes sampled in the past. A new segment of gas interceptor was completed in 2018 along the southeastern landfill boundary, as an extension of the existing gas collector along the eastern boundary, also utilizing the existing leachate collector trench. A second, separate gas extraction trench is under construction from the southern tip of the landfill some 480 feet northward, east of the combined leachate collector/gas extraction trench.

HWA conducted a bar hole survey in July 2019 to investigate the gas concentrations east of these probes. The survey was conducted using a slide hammer to bore an approximately 0.5-inch hole to a depth of 3.5-feet below ground surface (bgs). Rigid polyethylene tubing was lowered halfway down the bore hole and the surface opening sealed prior to testing. If groundwater was encountered above this, readings were taken just above the ground water level. Surficial soils were found to be saturated at shallow depths (1 to 2 feet bgs) at a few of the locations. Figure 4 shows the results of the bar hole survey. Results from the bar hole survey showed methane concentrations near LG-82, LG-83, and LG-84 ranged up to 25%. Around 105 to 115 feet east of these probes,

concentrations ranged from 0.1% to 0.2%, likely due to native peat soils. Three new gas probes, LG-88, LG-89, and LG-90, were installed in October 2019 (see Figure 1). Results from the most recent gas monitoring (October 2019 and February 2020) showed no detections of methane in the newly installed gas probes.

A linear saturated drainage/wetlands (part of Bigelow Creek) runs parallel to the eastern landfill boundary, part of the mapped Everett Riverfront Western Wetland Complex. Results of the 2016 and 2019 bar hole surveys shows elevated methane in shallow soils near the landfill (west of the wetlands), but none east of the wetlands. The wetlands (i.e., band of saturated ground) likely act as a hydraulic barrier to soil gas coming from the landfill. The shallow aquifer in this area is saturated and comprised of silt and peat deposits known as “the aquitard”, down to depths of approximately 45 feet, below which is the deeper (fully saturated) aquifer. Any soil gas coming from the landfill therefore can only migrate in the uppermost unsaturated soils. The new gas collector trench will collect any gas being produced around the property line to the creek and wetland.

West end of Landfill - The number of probes with detected methane and the magnitude of methane concentrations along the western end of the Landfill decreased since startup of the Landfill gas extraction system in 2004. Starting in October 2008, two probes along the western boundary, LG-27 and LG-28, started displaying elevated methane concentrations with a maximum concentration of 49% observed in LG-28 in January 2009, and a maximum of 74% observed in LG-27 in August 2012 (Figure 6). Except for minimal detections of methane of 1% in LG-28 in July 2014 and of 0.2% in LG-27 and LG-28 in July 2015, methane has not been detected in either of these probes since January 2013. The elevated methane concentrations at LG-27 likely were due to preloading of adjacent areas within the Landfill for future site development. The remaining probes along the western end of the Landfill have not had any methane detections since 2016.

West end of Landfill, off-site - In 2002, LG-56, LG-57, and LG-58 were installed west of, uphill, and off-site of the Landfill to monitor if methane was migrating from the landfill property onto adjoining properties on the west side of the Landfill. These probes generally have not contained methane since installation, with a few isolated readings of up to 2.8% (Table 1). LG-56 was damaged in late 2015 and is no longer monitored. LG-76, LG-77, and LG-78 were installed in 2008, also west of, uphill, and off-site of the Landfill. LG-76 and LG-78 have not contained appreciable (above 0.2%) methane since installation. LG-77 began showing consistent methane concentrations exceeding the action level of 5% in January 2011. More frequent readings were collected at LG-77 from February through April 2011. Detections of methane ranged from 10 to 13% in 2019, consistent with concentrations measured in previous years. Figure 7 shows the LG-77 methane concentrations over time.

HWA conducted a shallow soil gas (“bar hole”) survey of the area surrounding LG-77 in March 2011. No methane was detected in 11 of 12 holes at depths of 2 to 3.5 feet below ground surface (bgs), and very low methane (0.05%) was measured in one hole. Surficial soils were saturated at shallow depths (2 to 4 feet bgs), and all readings were taken above shallow ground water level. LG-77 was screened at a depth of 15 to 35 feet bgs, corresponding to the elevation of the Landfill, and encountered fill with wood below 10 feet, suggesting the methane detected in LG-77 may be coming from fill beneath the property. Results of the study are summarized in HWA’s report *Landfill Soil Gas Survey, Buse Property, Everett, Washington* dated March 28, 2011. In October 2019, LG-77 was decommissioned and a replacement probe will be reinstalled at this location.

East end of Landfill, offsite - Surface emissions monitoring per 40 CFR 60.753(d) was conducted along the east landfill boundary and trail in July 2019. The monitoring was performed utilizing a flame ionization detector (FID), traversing the eastern landfill boundary in a serpentine pattern and measuring gas at 30-meter intervals, and based on visual observations, e.g., distressed vegetation, cracks, or seeps in the ground. The probe of the FID was held between 5 to 10 centimeters above the ground surface during the survey. Background concentrations were measured prior to conducting the gas survey upwind of the landfill and found to have detections of around 0.2 ppm, which match the highest concentrations detected during the gas survey. Gas concentrations detected during this survey were likely background detections and were well below the 500 ppm (0.05%) action level. All surface gas monitoring procedures were conducted following the Environmental Protection Agency (EPA) Code of Federal Regulations (CFR) Part 60 Subpart WWW *Standards of Performance for Municipal Solid Waste Landfills*. The survey locations and results of the initial survey are displayed on Figure 3.

Moving forward, HWA will continue to implement surface emissions testing along the eastern perimeter and trail as part of the quarterly gas monitoring events.

North end of Landfill - Methane exceeding 5% by volume was historically detected in one or more of the probes installed at the Landfill northern perimeter (LG-44, LG-45, LG-46, and LG-47). LG-44, LG-45, and LG-46, located on former Port of Everett Property (former Diversified recycling facility), are the furthest from the Landfill and the gas extraction system. Before being covered during property development, these probes displayed relatively constant ranges of methane concentrations before and after construction of the two northern gas extraction trenches in 2004 and 2005. Methane concentrations measured north of the two gas extraction trenches are likely from off-site sources, as Landfill gas from the landfill would likely have dissipated in the years following installation of both extraction trenches. Soils north of 36th street contain abundant debris, wood waste, and natural wood, which all may generate methane. The recycling facility was closed in April 2014 and all buildings have since been demolished.

Many of the landfill gas probes at the north end of the landfill are on private property that is being redeveloped, including building demolition and major site grading. As a result, the following probes are buried or damaged and can not be monitored: LG-12, LG-44, LG-45, LG-46, LG-47, LG-61, LG-67, and LG-68. LG-62 was covered for several years but was just uncovered by construction excavation in the area, was found to be functional, was fitted with a new monument in March 2020, and will be monitored in the future. Currently, only five northern perimeter probes, LG-41, LG-55, LG-59, LG-62, and LG-70, remain accessible for sampling. During 2019, gas probes LG-70 and LG-49 detected methane concentrations, all below 0.4% (Table 1, Figure 8). Four proposed replacement probes are planned in the 36th Street right-of-way, to replace some of the damaged probes.

Gas probe LG-70, located at the northeast corner of the landfill, has historically not contained any appreciable methane since 2005, when the north segment of the gas extraction system was installed, although elevated methane (6.5%) was detected in April and July of 2016. Subsequent monitoring of this probe yielded little to no methane (maximum 0.5%) detected after 2016 to the present. The brief episode of slightly elevated methane at LG-70 was thought to be due to excavation and construction of a large pump station adjacent to this probe around that time, which the monitoring results support since its completion in 2017.

Utilities - Gas probes installed in utility trenches (sewer, sewer force main, water, and natural gas) include:

- I-5 / West End - In October 2008, gas probes LG-79, LG-80, and LG-81 were installed in utility trenches to replace gas probes damaged or decommissioned during BNSF railroad track construction (LG-63, LG-64, LG-65, and LG-66). Except for a reading of 0.1 % in November 2010 and April 2013, methane has not been detected in these probes since their installation in October 2008 (Table 1). All three of these replacement probes were damaged and not useable as of October 2013. This area was used for log storage for Buse Timber, and the gas probes (LG-79, LG-80, and LG-81) were damaged by logs and heavy equipment operations after closure of 36th Street. None of the damaged probes (original or replacement probes) had methane above the action level from June 2004 to July 2013, when the last active probe was damaged. Three additional replacement probes (LG-85, LG-86, and LG-87) were installed in June 2015 at the north end of the Landfill in utility trenches within 36th Street (away from Buse activity) to replace damaged probes LG-79, LG-80, and LG-81. LG-85, LG-86, and LG-87 did not have any detections of methane over 0.1% during 2019 monitoring.
- Eclipse Mill Road / East end - Three gas probes installed in utility trenches in Eclipse Mill Road (LG-71, LG-72, and LG-73) were repaired in October 2008 by

routing the sampling ports laterally to a central location at the side of Eclipse Mill Road, where they would not be subject to truck and heavy equipment damage. The newly constructed Riverfront Boulevard has replaced Eclipse Mill road, and is located west of the former Eclipse Mill road, such that the combined sampling ports are now east of Riverfront Boulevard. Methane has not been detected in these probes above 0.4% since their repair in October 2008 (Table 1). The probes were covered by fill for two rounds in 2012. The probes were located in January 2013, after which the labeling was removed or obscured by contractors, such that the specific utility (e.g., sewer or water line) each probe monitors is no longer known. None of the three probes have had detected methane over 0.1% during 2019, consistent with past readings.

Buried/damaged gas probes in 2019:

- LG-59, located just off the shoulder of 36th street on the northwestern end of the landfill was buried under soil some time prior to October 2019. LG-59 was later located in early 2020 and is intact.

Other than as described above, none of the remaining probes that are sampled quarterly for this project were identified as having been damaged or buried during construction activities at and around the Landfill during the 2019 sampling year. Figure 1 shows all active, decommissioned, and damaged probes.

Buildings

Gas monitoring is performed utilizing a flame ionization detector at selected buildings located north and west of the Landfill. Table 2 summarizes the results. The Snohomish County Transfer Station formerly on the landfill was closed in January 2004, after which no further monitoring was conducted. The Everett Animal Shelter, formerly on the landfill, was vacated in April 2009 and demolished in June 2009. GTS Drywall Supply Co., north of the landfill, was not monitored after November 2002, when the building was vacated. The GTS building was then demolished in 2007. The Diversified Recycling facility north of the landfill was closed in April 2014 and the south building subsequently demolished. The north building was demolished in early 2016.

Existing off-site structures monitored in 2019 included:

- Everett Gospel Mission, 3711 Smith Avenue
- Cascade Wholesale, 2410 38th Street
- H & R Mechanical Systems Inc., 2407 38th Street
- Ron May Towing, 2406 39th Street
- Sno Valley Process Solutions, 2420 38th Street

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The highest methane concentration detected in any of the off-site structures monitored during the last year was 0.2 parts per million (ppm, 0.00002%) at the Cascade Wholesale property. This concentration is well below the 100 ppm (0.01%) action level and considerably less than the lower explosive limit of 50,000 ppm (5%), and most likely unrelated to the landfill, or within the sensitivity range of the instrument.



We appreciate the opportunity to provide our services. Please feel free to call me if you have any questions or need more information.

Sincerely,
HWA GEOSCIENCES INC.

Handwritten signature of Austin York in black ink.

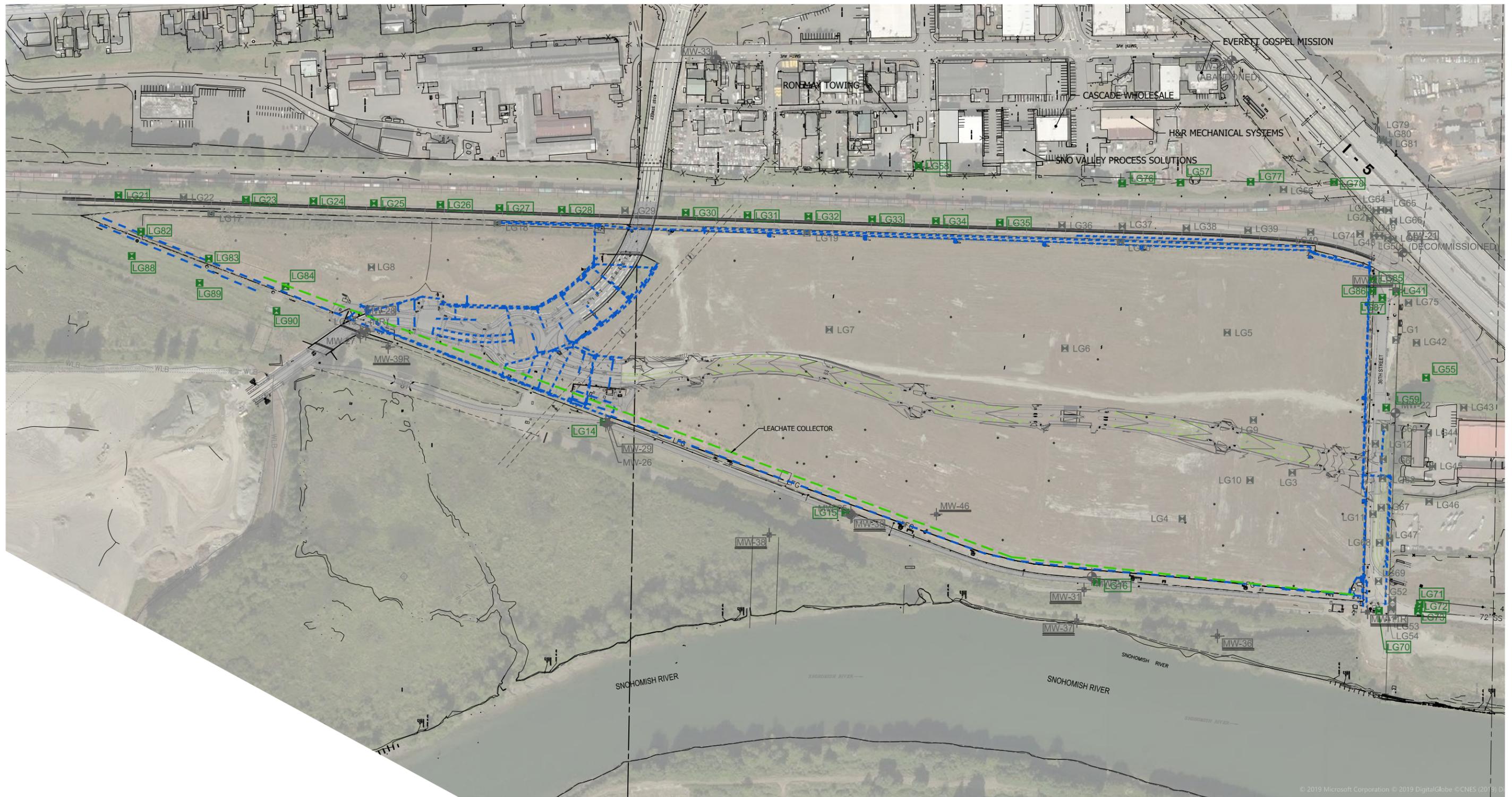
Austin York, LG
Environmental Geologist

Handwritten signature of Arnie Sugar in purple ink.

Arnie Sugar, LG, LHG
Principal Hydrogeologist

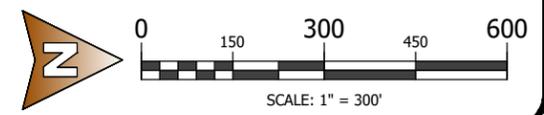
Attachments:

- Figure 1 Landfill Gas Probe Location Map
- Figure 2 Landfill Gas Probe Location Map, Detail
- Figure 3 Landfill Perimeter Surface Gas Monitoring
- Figure 4 July 2019 Bar Hole Survey
- Figure 5 Methane Concentration in Landfill Interior Probes
- Figure 6 Methane Concentration in West Boundary Probes
- Figure 7 Methane Concentration in LG-77
- Figure 8 Methane Concentration in North Boundary Probes
- Table 1 Everett Landfill – Gas Probe Monitoring
- Table 2 Everett Landfill – Gas Monitoring at Structures



EXPLORATION LEGEND

- - - - LANDFILL GAS COLLECTION TRENCH
- - - - LEACHATE COLLECTOR
- LG-84 ■ EXISTING LFG GAS PROBES
- LG-13 ■ DECOMMISSIONED, ABANDONED OR DAMAGED LFG PROBES
- ▲ PROPOSED NEW LFG PROBE
- ✕ PROPOSED LFG PROBE TO DECOMMISSION

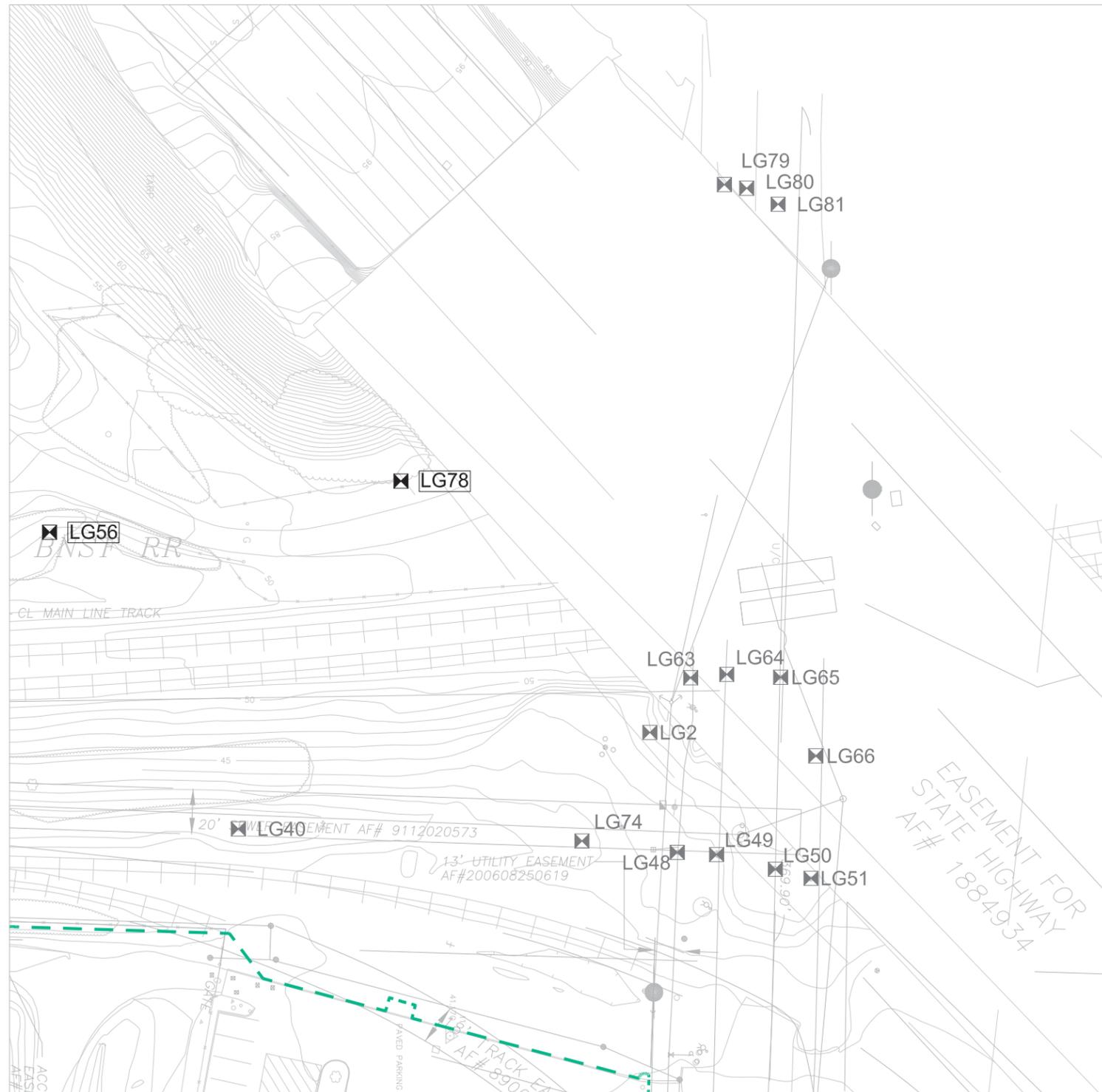


GEOSCIENCES INC.
 DBE/MWBE

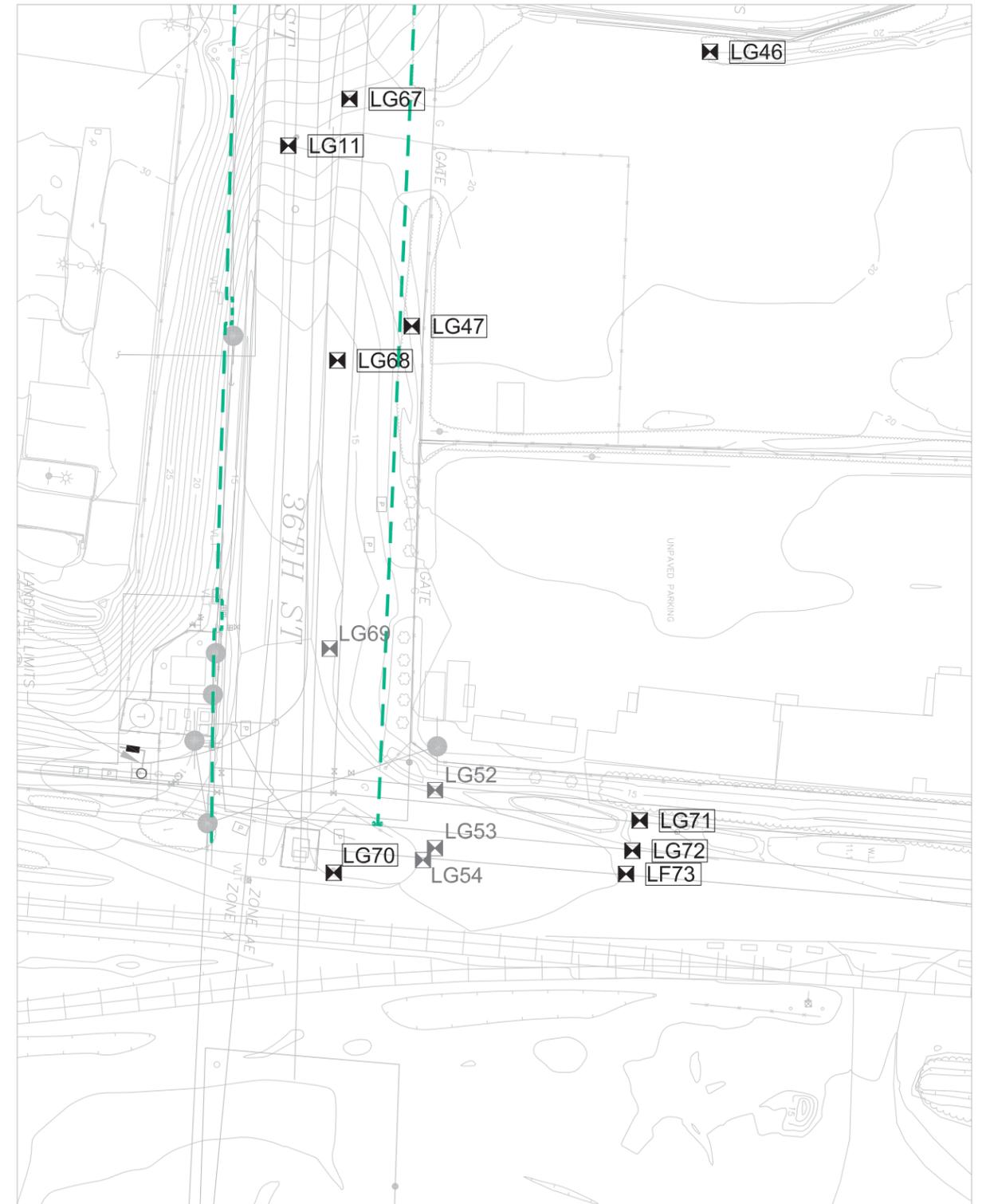
EVERETT LANDFILL
 EVERETT, WASHINGTON

LANDFILL GAS PROBE
 LOCATION MAP

DRAWN BY:	FIGURE NO.:
CF / BFM	1
CHECK BY:	PROJECT NO.:
AS	1998-065
	TASK 670



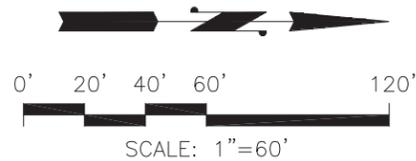
NORTHWEST CORNER



NORTHEAST CORNER

LEGEND

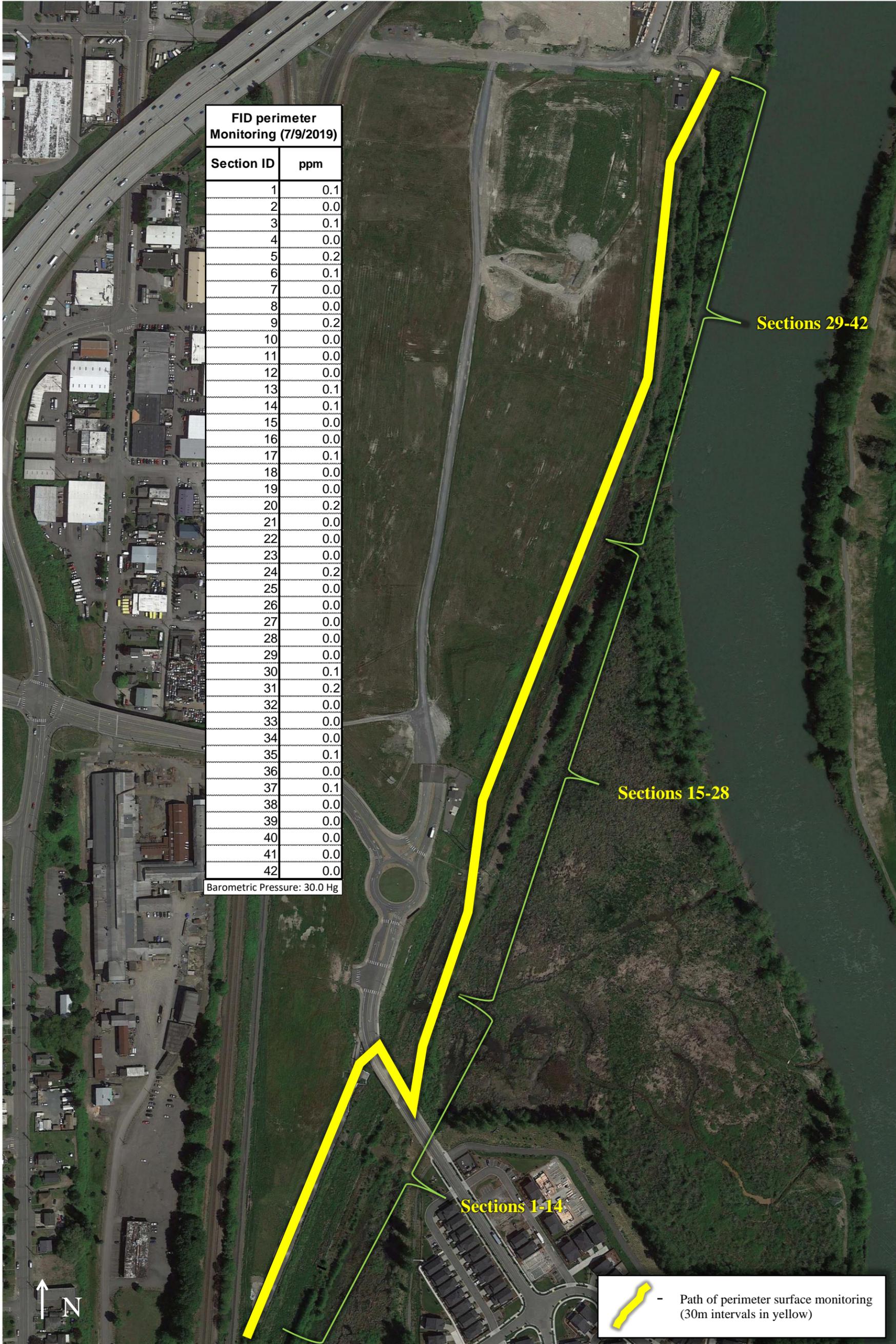
-  LANDFILL GAS COLLECTION TRENCH
-  LG28 EXISTING LFG GAS PROBS
-  LG36 DECOMMISSIONED, ABANDONED OR DAMAGED LFG PROBS



EVERETT LANDFILL
EVERETT, WASHINGTON

**LANDFILL GAS PROBE
LOCATION MAP,
DETAIL**

DRAWN BY	EFK	FIGURE NO.	2
CHECKED BY	AS	PROJECT NO.	
DATE	04.16.14	TASK-670	



PERIMETER SURFACE GAS MONITORING 7/9/2019

EVERETT LANDFILL
EVERETT, WASHINGTON

FIGURE NO.

3

PROJECT NO.

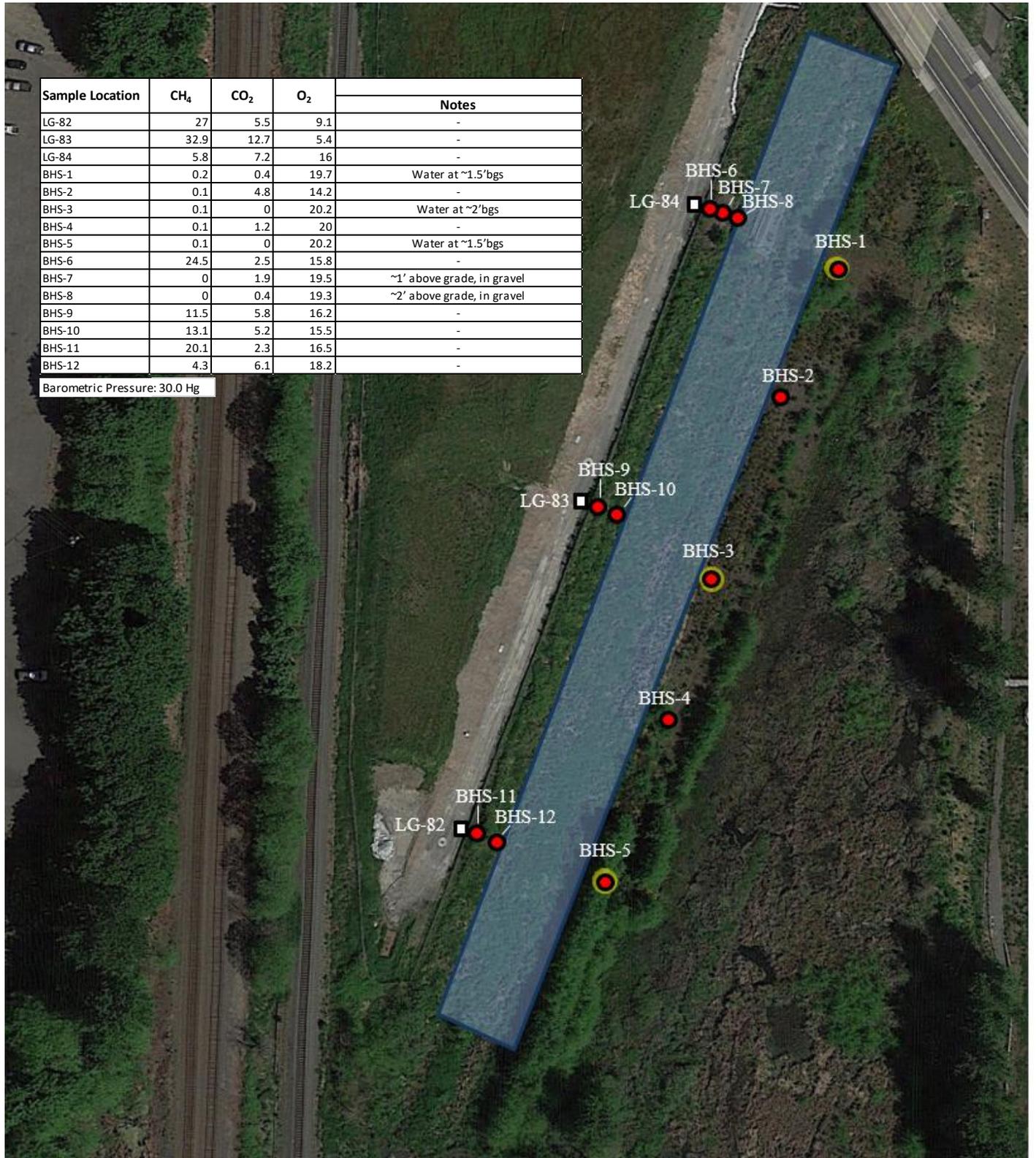
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Sample Location	CH ₄	CO ₂	O ₂	Notes
LG-82	27	5.5	9.1	-
LG-83	32.9	12.7	5.4	-
LG-84	5.8	7.2	16	-
BHS-1	0.2	0.4	19.7	Water at ~1.5'bgs
BHS-2	0.1	4.8	14.2	-
BHS-3	0.1	0	20.2	Water at ~2'bgs
BHS-4	0.1	1.2	20	-
BHS-5	0.1	0	20.2	Water at ~1.5'bgs
BHS-6	24.5	2.5	15.8	-
BHS-7	0	1.9	19.5	~1' above grade, in gravel
BHS-8	0	0.4	19.3	~2' above grade, in gravel
BHS-9	11.5	5.8	16.2	-
BHS-10	13.1	5.2	15.5	-
BHS-11	20.1	2.3	16.5	-
BHS-12	4.3	6.1	18.2	-

Barometric Pressure: 30.0 Hg



LG-82  - Landfill gas probe location

 - Marsh area

BHS-1  - Bar hole survey location



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SHALLOW SOIL GAS SURVEY 7/9/2019

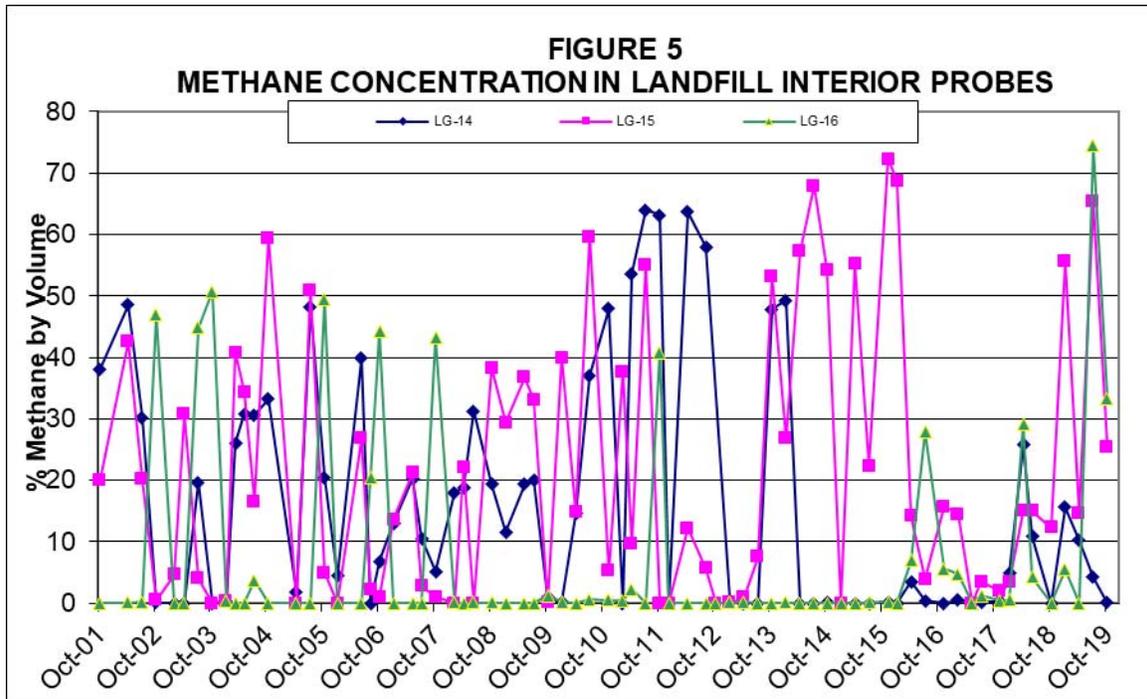
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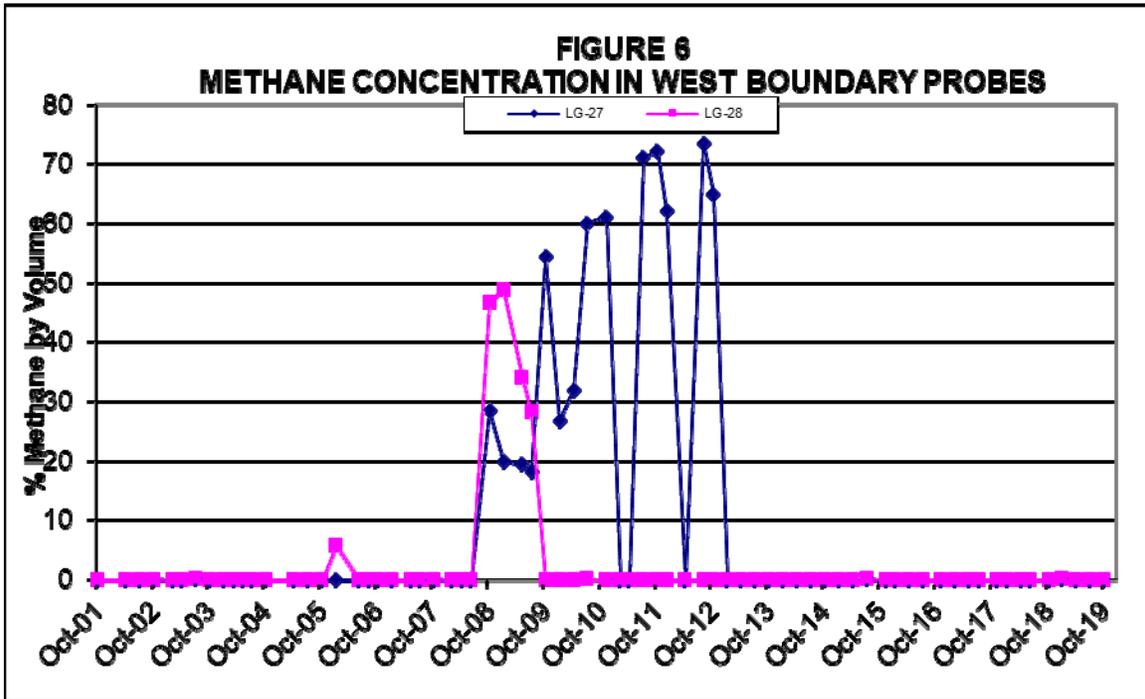
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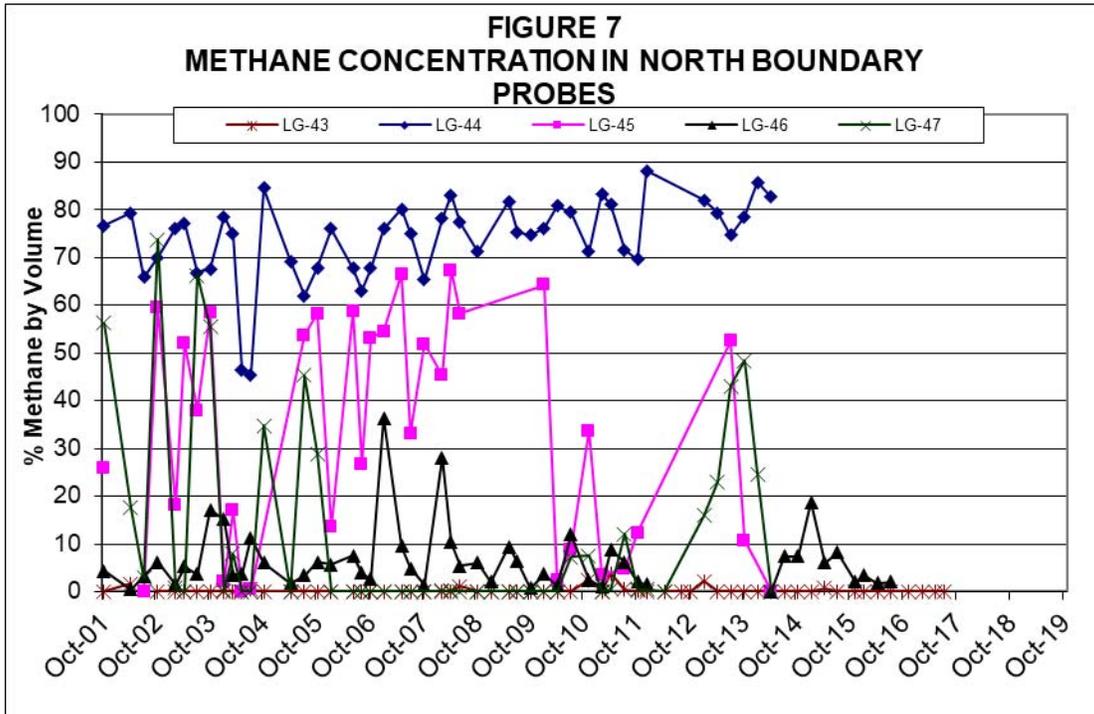
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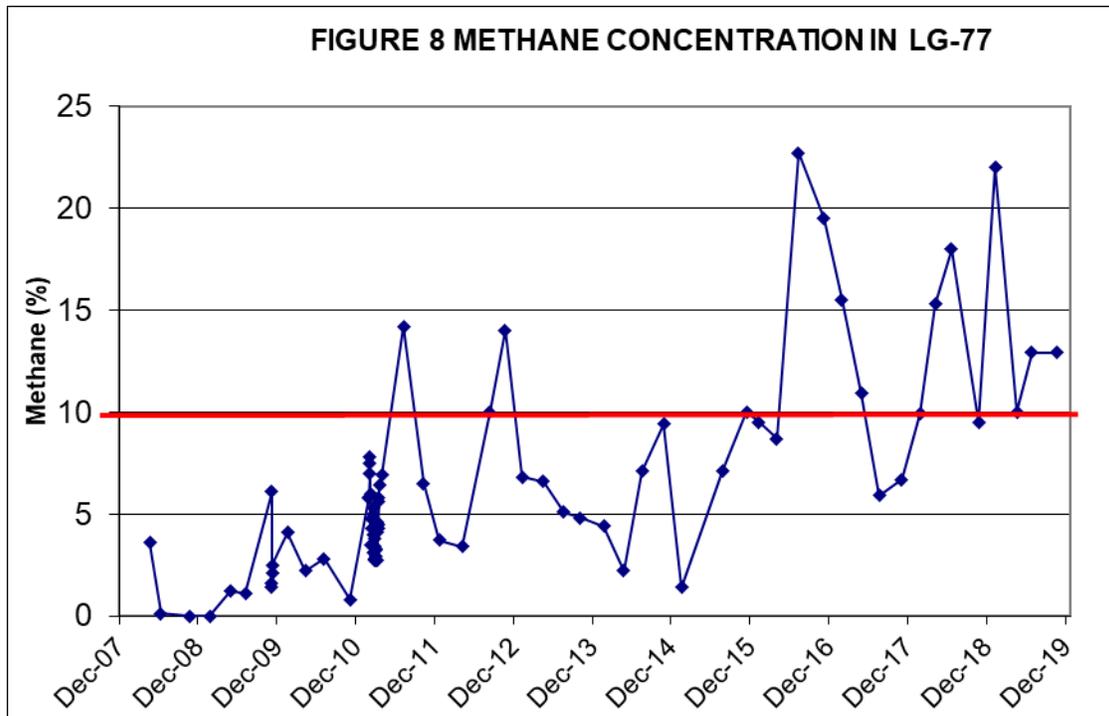
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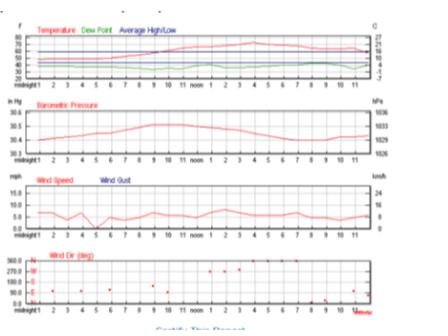
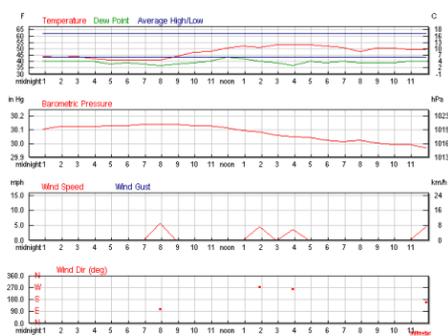
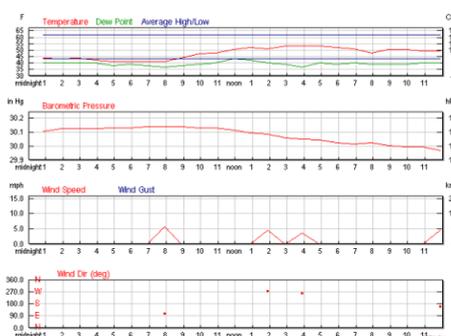






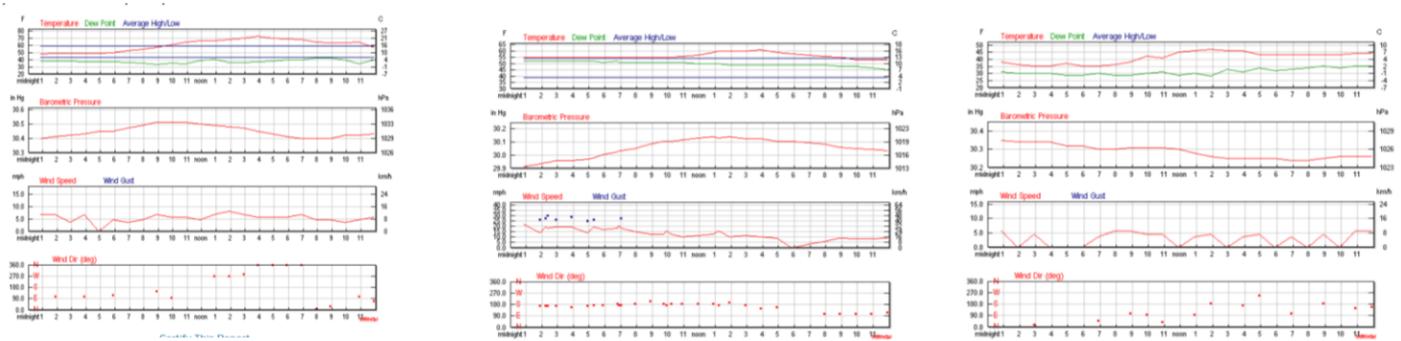
**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	10/9-10/2013					1/28-29/2014					4/29/14				
		CH4 %	CO2 %	O2 %	Pressure H2O	Water Depth (ft)	CH4 %	CO2 %	O2 %	Pressure H2O	Water Depth (ft)	CH4 %	CO2 %	O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0	Damaged					Damaged					Damaged				
LG-2b	12.0-17.0	Damaged					Damaged					Damaged				
LG-2c	20.0-25.0	Damaged					Damaged					Damaged				
LG-3a	7.0-12.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-3b	15.0-20.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-5	3.5-6.5	Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03				
LG-6	5.0-10.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-8	5.0-8.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9a	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9b	12.0-17.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9c	20.0-25.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10a	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10b	11.0-16.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10c	18.0-23.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-13	4.0-10.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-14	4.0-8.0	47.8	18.8	0.1	-	49.3	14.5	2.0	-	0.0	3.6	16.0	-	-	-	
LG-15	4.0-10.0	53.2	21.1	0.1	-	26.8	6.8	0.0	-	57.2	9.6	0.1	-	-	-	
LG-16	4.0-10.0	0.0	0	21.0	-	0.1	0.2	21.2	-	0.0	0.0	19.7	-	-	-	
LG-17	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-18	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-19	5.0-12.5	Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03				
LG-20	4.0-9.0	Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03				
LG-82																
LG-83																
LG-84																
West Boundary																
LG-21	3.0-5.0	water in probe					0.0	0.1	21.5	-	0.0	0.0	20.4	-	-	-
LG-22	3.0-5.0	Damaged					Damaged					Damaged				
LG-23	3.0-5.0	0	0	20.8	0.05	0.0	0.0	21.6	-	0.0	0.0	20.4	-	-	-	
LG-24	3.0-8.0	water in probe					0.0	0.0	21.5	-	0.0	0.0	20.4	-	-	-
LG-25	3.0-8.0	water in probe					0.0	0.7	21.0	-	0.0	0.2	20.4	-	-	-
LG-26	3.0-8.0	0	0.2	20.6	0.05	0.0	0.1	21.3	-	0.0	0.0	20.4	-	-	-	
LG-27	3.0-8.0	0	2	20.8	0.05	0.0	0.1	21.4	-	0.0	0.0	20.4	-	-	-	
LG-28	3.0-8.0	0	1.1	17.3	0.05	0.0	1.9	19.0	-	0.0	2.5	16.0	-	-	-	
LG-29	3.0-8.0	Damaged					Damaged					Damaged				
LG-30	5.0-10.0	0	4	16.9	0.16	0.0	3.3	18.0	-	0.0	2.6	16.7	-	-	-	
LG-31	7.0-12.0	0	0.1	21	0.16	0.0	4.6	16.6	-	0.0	0.1	20.4	-	-	-	
LG-32	3.0-8.0	0	6.1	14.5	0.16	0.0	13.7	2.2	-	0.0	5.8	15.1	-	-	-	
LG-33	7.0-12.0	0	0.5	20.5	0.16	0.0	0.2	21.3	-	0.0	0.1	20.3	-	-	-	
LG-34	3.0-8.0	0	1.5	19.5	0.16	0.0	7.4	10.7	-	0.0	0.0	20.4	-	-	-	
LG-35	4.0-9.0	0	4.8	5.8	0.16	0.0	8.0	6.6	-	0.0	4.1	7.7	-	-	-	
LG-36	9.0-14.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-37	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-38	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-39	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-40	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
Upgradient West Boundary																
LG-56	10.0-25.0	0.0	0.2	20.8	-	0.0	10.4	5.5	-	0.0	9.9	3.8	-	-	-	
LG-57	10.0-35.0	0.0	3.8	18.6	-	2.1	7.6	6.2	-	0.0	1.1	17.8	-	-	-	
LG-58	8.0-28.0	0.0	6.3	8.5	-	0.0	6.4	8.5	-	0.0	2.9	14.6	-	-	-	
LG-76	20.0-35.0	0.0	1.7	17.9	-	0.0	4.6	14.0	-	0.0	0.1	20.2	-	-	-	
LG-77	15.0-35.0	4.8	12.6	19.2	-	4.4	27.2	0.6	-	2.2	21.9	1.9	-	-	-	
LG-78	10.0-25.0	0.0	2.6	17.2	-	0.0	6.2	12.2	-	0.0	0.3	20.0	-	-	-	
Northern Landfill Boundary																
LG-1	3.5-6	Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10				
LG-11	3.5-5.5	Monument filled					Monument filled					Monument filled				
LG-12	3.5-5.5	0.0	0.0	20.9	-	0.0	0.0	21.9	-	0.0	0.2	20.7	-	-	-	
LG-41	5.0-10.0	12.6	0.5	0.4	-	1.0	0.0	21.7	-	0.0	0.2	20.7	-	-	-	
LG-42	8.0-13.0	Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10				
LG-43	3.0-8.0	0.0	0.3	20.5	-	0.0	0.3	21.2	-	0.1	0.1	20.4	-	-	-	
LG-44	3.0-8.0	78.6	19.1	0.2	-	85.8	12.3	0.0	-	82.7	11.4	0.2	-	-	-	
LG-45	3.0-8.0	10.7	10.8	0.3	-	Gas probe in flooded area and inaccessible					0.0	0.0	20.5	-	-	
LG-46	10.0-15.0	under soil/sediments, could not locate					Under soil/sediments, could not locate					0.0	0.0	20.3	-	-
LG-47	5.0-10.0	48.4	14.8	0.0	-	24.6	8.0	0.0	-	Under soil/sediments, could not locate						
LG-55	6.0-16.0	0.0	13.3	6.4	-	0.0	16.7	1.6	-	0.0	0.3	20.7	-	-	-	
LG-59	5.0-15.0	0.0	11.8	7.7	-	0.0	10.6	8.0	-	0.0	3.8	15.8	-	-	-	
LG-60	5.0-15.0	Monument damaged					Monument damaged					Monument damaged				
LG-61	5.0-15.0	0.0	1.1	19.3	-	0.0	0.6	20.8	-	0.0	0.2	20.7	-	-	-	
LG-62	5.0-15.0	0.2	0.2	20.6	-	0.0	0.9	20.0	-	0.0	0.2	20.7	-	-	-	
LG-67	5.0-12.0	0.0	0.3	20.2	-	0.0	0.1	21.7	-	0.0	0.0	20.4	-	-	-	
LG-68	2.0-5.0	0.0	0.1	20.5	-	0.0	1.0	4.6	-	0.0	0.0	20.4	-	-	-	
LG-69	2.0-5.0	Buried under fill					Buried under fill					Buried under fill				
LG-70	3.0-7.0	0.0	0.4	20.2	-	0.0	3.7	16.0	-	0.0	0.0	20.1	-	-	-	
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0	Buried under fill					Buried under fill					Buried under fill				
LG-49	2.5 to 6	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-50	4.0-12.0	Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged				
LG-51	3.0-5.0	Buried under fill					Buried under fill					Buried under fill				
LG-63	3.0-4.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-64	4.0-7.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-65	5.0-15.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-66	5.0-8.0	Buried under bridge pier					Buried under bridge pier					Buried under bridge pier				
LG-74	5.0-7.0	Buried under fill					Buried under fill					Buried under fill				
LG-75	3.0-5.0	Decommissioned					Decommissioned					Decommissioned				
LG-79	2.0-4.0	Monument damaged					Monument damaged					Monument damaged				
LG-80	2.0-4.0	Monument damaged					Monument damaged					Monument damaged				
LG-81	6.75-11.75	Monument damaged					Monument damaged					Monument damaged				
LG-85																
LG-86																
LG-87																
Landfill Exterior (north west end)																
LG-88	3-10															
LG-89	3-10															
LG-90	3-10															
Eclipse (east end)																
LG-52	3.0-8.0	Damaged 1/04					Damaged 1/04					Damaged 1/04				
LG-53	2.5-4.0	Buried under fill					Buried under fill					Buried under fill				
LG-54	3.0-6.0	Buried under fill					Buried under fill					Buried under fill				
LG-71	4.0-6.0	0.0	2.3	16.4	-	0.0	0.5	20.7	-	0.0	0.5	19.1	-	-	-	
LG-72	2.5-4.0	0.0	1.2	19.6	-	0.0	0.5	21.4	-	0.0	0.4	19.5	-	-	-	
LG-73	4.0-6.0	0.0	0.3	20.5	-	0.0	0.0	21.9	-	0.0	0.1	20.1	-	-	-	



**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	7/22-24/2014					10/29-31/2014					1/21/15				
		CH4 %	Date CO2 %	O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0	Damaged					Damaged					Damaged				
LG-2b	12.0-17.0	Damaged					Damaged					Damaged				
LG-2c	20.0-25.0	Damaged					Damaged					Damaged				
LG-3a	7.0-12.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-3b	15.0-20.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-5	3.5-6.5	Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03				
LG-6	5.0-10.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-8	5.0-8.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9a	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9b	12.0-17.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-9c	20.0-25.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10a	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10b	11.0-16.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-10c	18.0-23.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-13	4.0-10.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-14	4.0-8.0	0.0	0.0	20.9	-	-	0.1	0.1	20.9	-	-	0.0	0.2	21.7	-	-
LG-15	4.0-10.0	67.9	32.7	0.2	-	-	54.2	21.2	8.1	-	-	0.0	0.2	12.6	-	-
LG-16	4.0-10.0	0.0	0.0	20.9	-	-	0.0	0.9	17.2	-	-	0.0	0.1	21.5	-	-
LG-17	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-18	4.0-9.0	Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08				
LG-19	5.0-12.5	Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03				
LG-20	4.0-9.0	Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03				
LG-82																
LG-83																
LG-84																
West Boundary																
LG-21	3.0-5.0	0.0	0.0	20.9	-	-	0.0	0.0	20.4	-	-	0.0	0.2	21.4	-	-
LG-22	3.0-5.0	Damaged					Damaged					Damaged				
LG-23	3.0-5.0	0.0	0.0	18.6	-	-	0.0	0.1	20.4	-	-	0.0	0.1	21.2	-	-
LG-24	3.0-8.0	0.0	0.0	20.9	-	-	0.0	0.0	20.4	-	-	0.0	0.1	21.2	-	-
LG-25	3.0-8.0	0.0	0.0	20.9	-	-	0.0	0.2	20.4	-	-	0.0	0.1	20.9	-	-
LG-26	3.0-8.0	0.0	0.0	20.9	-	-	0.0	0.1	20.4	-	-	0.0	0.1	21.3	-	-
LG-27	3.0-8.0	0.0	0.0	21.1	-	-	0.0	0.0	20.1	-	-	0.0	0.2	21.4	-	-
LG-28	3.0-8.0	1.0	0.0	18.7	-	-	0.0	3.6	15.8	-	-	0.0	0.7	20.7	-	-
LG-29	3.0-8.0	Damaged					Damaged					Damaged				
LG-30	5.0-10.0	0.0	0.0	12.1	-	-	0.0	2.1	17.1	-	-	0.0	2.0	20.0	-	-
LG-31	7.0-12.0	0.0	0.0	13.2	-	-	0.0	0.3	20.1	-	-	0.0	0.3	21.6	-	-
LG-32	3.0-8.0	0.0	0.0	14.3	-	-	0.0	5.0	15.8	-	-	0.0	1.2	21.1	-	-
LG-33	7.0-12.0	0.0	0.0	20.7	-	-	0.0	0.1	20.4	-	-	0.0	0.2	22.1	-	-
LG-34	3.0-8.0	0.0	0.0	15.6	-	-	0.0	0.0	20.2	-	-	0.0	0.3	22.1	-	-
LG-35	4.0-9.0	0.0	0.0	10.7	-	-	0.0	3.8	12.7	-	-	0.0	1.8	18.0	-	-
LG-36	9.0-14.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-37	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-38	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-39	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
LG-40	7.0-12.0	Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07				
Upgradient West Boundary																
LG-56	10.0-25.0	0.0	0.0	3.2	-	-	0.0	3.3	2.6	-	-	0.0	6.4	12.4	-	-
LG-57	10.0-35.0	0.2	6.9	7.8	-	-	2.8	7.9	8.2	-	-	0.3	0.8	20.6	-	-
LG-58	8.0-28.0	0.0	0.0	8.2	-	-	0.0	4.9	12.1	-	-	0.0	2.9	17.2	-	-
LG-76	20.0-35.0	0.0	0.0	14.3	-	-	0.0	0.7	10.4	-	-	0.0	0.6	21.3	-	-
LG-77	15.0-35.0	7.1	18.0	6.5	-	-	9.4	29.2	1.5	-	-	1.4	3.4	19.8	-	-
LG-78	10.0-25.0	0.0	0.0	15.4	-	-	0.0	0.1	21.3	-	-	0.0	1.7	18.3	-	-
Northern Landfill Boundary																
LG-1	3.5-6	Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10				
LG-11	3.5-5.5	Monument filled					Monument filled					Monument filled				
LG-12	3.5-5.5	Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt				
LG-41	5.0-10.0	0.0	0.0	4.4	-	-	0.0	11.2	0.6	-	-	0.0	0.2	21.3	-	-
LG-42	8.0-13.0	Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10				
LG-43	3.0-8.0	0.0	0.0	20.1	-	-	0.0	0.2	20.1	-	-	0.0	0.2	21.4	-	-
LG-44	3.0-8.0	Covered by building demo debris					Covered by building demo debris					Covered by building demo debris				
LG-45	3.0-8.0	Covered by building demo debris					Covered by building demo debris					Covered by building demo debris				
LG-46	10.0-15.0	7.4	13.7	0.0	-	-	7.4	13.7	0.0	-	-	18.7	6.5	16.7	-	-
LG-47	5.0-10.0	Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate				
LG-55	6.0-16.0	Could not locate in field					Could not locate in field					0.0 2.3 19.8 - -				
LG-59	5.0-15.0	0.0	0.0	14.9	-	-	0.0	5.4	16.0	-	-	0.0	1.6	20.8	-	-
LG-60	5.0-15.0	Monument damaged					Monument damaged					Monument damaged				
LG-61	5.0-15.0	0.0	0.0	19.3	-	-	0.0	1.7	18.6	-	-	0.0	0.2	21.5	-	-
LG-62	5.0-15.0	0.0	0.0	19.2	-	-	0.0	1.7	19.0	-	-	0.0	0.3	21.4	-	-
LG-67	5.0-12.0	0.0	0.0	20.9	-	-	0.0	0.3	20.8	-	-	0.0	0.2	21.2	-	-
LG-68	2.0-5.0	0.0	0.0	20.9	-	-	0.0	0.0	20.8	-	-	9.7	3.9	10.5	-	-
LG-69	2.0-5.0	Buried under fill					Buried under fill					Buried under fill				
LG-70	3.0-7.0	0.0	0.0	7.8	-	-	Valve damaged					0.0	1.4	19.5	-	-
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0	Buried under fill					Buried under fill					Buried under fill				
LG-49	2.5 to 6	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-50	4.0-12.0	Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged				
LG-51	3.0-5.0	Buried under fill					Buried under fill					Buried under fill				
LG-63	3.0-4.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-64	4.0-7.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-65	5.0-15.0	Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08				
LG-66	5.0-8.0	Buried under bridge pier					Buried under bridge pier					Buried under bridge pier				
LG-74	5.0-7.0	Buried under fill					Buried under fill					Buried under fill				
LG-75	3.0-5.0	Decommissioned					Decommissioned					Decommissioned				
LG-79	2.0-4.0	Monument damaged					Monument damaged					Monument damaged				
LG-80	2.0-4.0	Monument damaged					Monument damaged					Monument damaged				
LG-81	6.75-11.75	Monument damaged					Monument damaged					Monument damaged				
LG-85																
LG-86																
LG-87																
Landfill Exterior (north west end)																
LG-88	3-10															
LG-89	3-10															
LG-90	3-10															
Eclipse (east end)																
LG-52	3.0-8.0	Damaged 1/04					Damaged 1/04					Damaged 1/04				
LG-53	2.5-4.0	Buried under fill					Buried under fill					Buried under fill				
LG-54	3.0-6.0	Buried under fill					Buried under fill					Buried under fill				
LG-71	4.0-6.0	0.0	0.0	19.5	-	-	0.0	0.9	19.7	-	-	0.0	0.2	21.5	-	-
LG-72	2.5-4.0	0.0	0.0	19.7	-	-	0.0	1.0	20.2	-	-	0.0	0.2	21.4	-	-
LG-73	4.0-6.0	0.0	0.0	20.7	-	-	0.0	0.4	20.8	-	-	0.0	0.2	21.2	-	-



**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	CH4 %	Date CO2 %	4/14/15 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	7/29/15 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	11/20/15 O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0			Damaged					Damaged					Damaged		
LG-2b	12.0-17.0			Damaged					Damaged					Damaged		
LG-2c	20.0-25.0			Damaged					Damaged					Damaged		
LG-3a	7.0-12.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-3b	15.0-20.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-5	3.5-6.5			Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03		
LG-6	5.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-8	5.0-8.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9b	12.0-17.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9c	20.0-25.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10b	11.0-16.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10c	18.0-23.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-13	4.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-14	4.0-8.0	0.0	0.2	21.7	-		0.0	0	20.7	-		0.2	0.2	20.2	-	
LG-15	4.0-10.0	55.2	9.4	7.3	-		22.4	13.7	12.5	-		72.3	21	0.5	-	
LG-16	4.0-10.0	0.0	0.0	21.7	-		0.1	0.0	20.1	-		0.2	0.2	21.4	-	
LG-17	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-18	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-19	5.0-12.5			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-20	4.0-9.0			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-82																
LG-83																
LG-84																
West Boundary																
LG-21	3.0-5.0	0.0	0.1	21.7	-		0.2	0.0	19.9	-		0.0	0.0	22.2	-	
LG-22	3.0-5.0			Damaged					Damaged					Damaged		
LG-23	3.0-5.0	0.0	0.1	21.7	-		0.2	0.0	20	-		0.0	0.0	22.1	-	
LG-24	3.0-8.0	0.0	0.1	21.7	-		0.2	0.0	19.9	-		0.0	0.0	22	-	
LG-25	3.0-8.0	0.0	0.1	21.7	-		0.2	0.0	19.7	-		0.0	1.0	21.4	-	
LG-26	3.0-8.0	0.0	0.1	21.8	-		0.2	0.0	20.1	-		0.0	0.3	21.9	-	
LG-27	3.0-8.0	0.0	0.1	21.8	-		0.2	0.8	19.7	-		0.0	0.4	21.7	-	
LG-28	3.0-8.0	0.0	0.3	21.6	-		0.2	1.2	18.8	-		0.0	1.2	19.2	-	
LG-29	3.0-8.0			Damaged					Damaged					Damaged		
LG-30	5.0-10.0	0.0	0.4	21.4	-		0.2	2.1	18.2	-		0.0	0.5	21.7	-	
LG-31	7.0-12.0	0.0	0.1	21.9	-		0.2	2.4	17.1	-		0.0	1.2	21.1	-	
LG-32	3.0-8.0	0.0	0.1	21.9	-		0.2	9.5	11.2	-		0.0	1.5	21	-	
LG-33	7.0-12.0	0.0	0.1	21.9	-		0.2	0.1	19.7	-		0.0	0.2	21.8	-	
LG-34	3.0-8.0	0.0	0.4	21.8	-		0.1	3.4	15.9	-		0.0	0.3	21.7	-	
LG-35	4.0-9.0	0.0	1.0	19.8	-		0.2	9.0	13	-		0.0	0.3	21.5	-	
LG-36	9.0-14.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-37	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-38	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-39	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-40	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
Upgradient West Boundary																
LG-56	10.0-25.0	0.0	0.1	21.3	-		0.1	13.6	3.6	-				Monument damaged		
LG-57	10.0-35.0	0.0	0.1	21.3	-		2.1	11.1	3.4	-		0.0	0.9	21.4	-	
LG-58	8.0-28.0	0.0	0.1	21.4	-		0.2	1.5	18	-		0.0	0	22.4	-	
LG-76	20.0-35.0	0.0	0.1	21.4	-		0.2	3.6	14.2	-		0.0	0.7	21.8	-	
LG-77	15.0-35.0			Damaged -- Broken Stopcock			7.1	11.4	12.7	-		10.0	30.8	7.2	-	
LG-78	10.0-25.0	0.0	0.1	21.4	-		0.2	9.3	8.2	-		0.0	0.2	21.8	-	
Northern Landfill Boundary																
LG-1	3.5-6			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-11	3.5-5.5			Monument filled					Monument filled					Monument filled		
LG-12	3.5-5.5			Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt		
LG-41	5.0-10.0	0.0	6.3	9.8	-		0.2	13.2	5	-		0.0	4.3	16.9	-	
LG-42	8.0-13.0			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-43	3.0-8.0	0.7	0.7	20.5	-		0.1	0.7	19.7	-		0.0	0.6	21.2	-	
LG-44	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-45	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-46	10.0-15.0	6.0	0.1	19.6	-		8.2	3.8	17.9	-		2.0	2.0	20.3	-	
LG-47	5.0-10.0			Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate		
LG-55	6.0-16.0	0.0	6.7	13.7	-		0.1	6.8	13.3	-		0.0	14.8	3.2	-	
LG-59	5.0-15.0	0.0	3.8	15.8	-				Buried under fill					Buried under fill		
LG-60	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-61	5.0-15.0	0.0	0.2	21.7	-		0.1	0	20.2	-		0.0	3.9	13	-	
LG-62	5.0-15.0	0.0	0.2	21.7	-				Buried under fill			0.0	0.3	20.2	-	
LG-67	5.0-12.0	0.0	0.1	21.6	-				Buried under fill			0.0	0.0	21.3	-	
LG-68	2.0-5.0	0.0	0.0	21.6	-				Buried under fill					Buried under fill		
LG-69	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-70	3.0-7.0	0.0	0.0	21.7	-		0.1	0.8	19.3	-				Buried under fill		
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0			Buried under fill					Buried under fill					Buried under fill		
LG-49	2.5 to 6			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-50	4.0-12.0			Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged		
LG-51	3.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-63	3.0-4.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-64	4.0-7.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-65	5.0-15.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-66	5.0-8.0			Buried under bridge pier					Buried under bridge pier					Buried under bridge pier		
LG-74	5.0-7.0			Buried under fill					Buried under fill					Buried under fill		
LG-75	3.0-5.0			Decommissioned					Decommissioned					Decommissioned		
LG-79	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-80	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-81	6.75-11.75			Monument damaged					Monument damaged					Monument damaged		
LG-85																
LG-86																
LG-87																
Landfill Exterior (north west end)																
LG-88	3-10															
LG-89	3-10															
LG-90	3-10															

**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	CH4 %	Date CO2 %	1/14/16 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	4/7/16 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	7/15/16 O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0			Damaged					Damaged					Damaged		
LG-2b	12.0-17.0			Damaged					Damaged					Damaged		
LG-2c	20.0-25.0			Damaged					Damaged					Damaged		
LG-3a	7.0-12.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-3b	15.0-20.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-5	3.5-6.5			Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03		
LG-6	5.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-8	5.0-8.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9b	12.0-17.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9c	20.0-25.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10b	11.0-16.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10c	18.0-23.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-13	4.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-14	4.0-8.0	0.0	0.1	21.2	-		3.5	2.3	16.7	-		0.4	10.4	8.7	-	
LG-15	4.0-10.0	68.7	10.1	6.0	-		14.2	2.7	14.3	-		3.9	2.4	19.2	-	
LG-16	4.0-10.0	0.0	0.1	21.0	-		6.9	0.7	17.5	-		27.8	8.5	0.5	-	
LG-17	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-18	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-19	5.0-12.5			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-20	4.0-9.0			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-82							67.2	7.3	2.8	-		77.6	11.8	1	-	
LG-83							71.2	15.5	1.6	-		77.8	16.7	0.6	-	
LG-84							72.9	22.9	1.8	-		65.7	29.9	0.2	-	
West Boundary																
LG-21	3.0-5.0	0.0	0.1	21.3	-		0.0	0.2	19.8	-		0.0	0.2	21.2	-	
LG-22	3.0-5.0			Damaged					Damaged					Damaged		
LG-23	3.0-5.0	0.0	0.2	21.2	-		0.0	0.2	20.3	-		0.0	0.2	21.2	-	
LG-24	3.0-8.0	0.0	0.2	21.2	-		0.0	0.2	20.2	-		0.0	0.2	21.2	-	
LG-25	3.0-8.0	0.0	0.3	18.5	-		0.0	0.4	18.4	-		0.0	0.4	18.5	-	
LG-26	3.0-8.0	0.0	0.3	21.4	-		0.0	0.2	20.2	-		0.0	0.3	21	-	
LG-27	3.0-8.0	0.0	0.3	21.3	-		0.0	0.2	20.2	-		0.0	0.3	20.2	-	
LG-28	3.0-8.0	0.0	1.3	19.7	-		0.0	2.5	17.6	-		0.0	3.6	18.5	-	
LG-29	3.0-8.0			Damaged					Damaged					Damaged		
LG-30	5.0-10.0	0.0	2.7	18.7	-		0.0	2.8	16.7	-		0.0	3.4	18.7	-	
LG-31	7.0-12.0	0.0	2.3	18.8	-		0.0	0.3	20.1	-		0.0	1.5	19	-	
LG-32	3.0-8.0	0.0	6.8	11.8	-		0.0	10.4	10.7	-		0.0	9.9	11	-	
LG-33	7.0-12.0	0.0	0.3	21.3	-		0.0	0.3	20.3	-		0.0	0.2	21.3	-	
LG-34	3.0-8.0	0.0	2.7	18.5	-		0.0	2.7	16.3	-		0.0	2.9	18.5	-	
LG-35	4.0-9.0	0.0	1.1	15.7	-		0.0	6.6	6.2	-		0.0	11.2	10.9	-	
LG-36	9.0-14.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-37	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-38	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-39	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-40	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
Upgradient West Boundary																
LG-56	10.0-25.0			Monument damaged					Monument damaged					Monument damaged		
LG-57	10.0-35.0	0.0	1.6	20.4	-		0.0	0.7	19.8	-		0.0	2.1	17	-	
LG-58	8.0-28.0	0.0	0.2	21.2	-		0.0	0	21	-		0.0	5.9	10.2	-	
LG-76	20.0-35.0	0.0	0.3	21.3	-		0.0	0.5	21.0	-		0.0	0.7	19.9	-	
LG-77	15.0-35.0	9.5	25.0	8.9	-		8.7	24.0	7.0	-		22.7	27.1	4.0	-	
LG-78	10.0-25.0	0.0	0.2	21.3	-		0.0	0.2	21.0	-		0.0	1	20.0	-	
Northern Landfill Boundary																
LG-1	3.5-6			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-11	3.5-5.5			Monument filled					Monument filled					Monument filled		
LG-12	3.5-5.5			Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt		
LG-41	5.0-10.0	0.0	7.3	10.8	-		0.0	1.3	20.7	-		0.0	2.0	20	-	
LG-42	8.0-13.0			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-43	3.0-8.0	0.0	0.6	21	-		0.0	0.4	20.8	-		0.0	0.8	19.7	-	
LG-44	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-45	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-46	10.0-15.0	3.4	6.3	18.5	-		1.8	2.0	19.0	-		2.0	2.0	19.0	-	
LG-47	5.0-10.0			Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate		
LG-55	6.0-16.0	0.0	8.7	10.3	-		0.0	8.3	11.9	-		0.0	8.5	10.0	-	
LG-59	5.0-15.0			Buried under fill			0.0	7.6	11.7	-		0.0	8	11.6	-	
LG-60	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-61	5.0-15.0	0.0	0.2	21.2	-		0.0	0.3	21.0	-		0.0	0.3	21.0	-	
LG-62	5.0-15.0	0.0	0.3	21.0	-		0.0	0.3	21.0	-		0.0	0.2	21.0	-	
LG-67	5.0-12.0	0.0	0.1	21.2	-		0.0	0.2	21.2	-		0.0	0.1	21	-	
LG-68	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-69	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-70	3.0-7.0			Buried under fill			6.5	15.9	1.6	-		6.5	15.9	1.6	-	
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0			Buried under fill					Buried under fill					Buried under fill		
LG-49	2.5 to 6			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-50	4.0-12.0			Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged		
LG-51	3.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-63	3.0-4.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-64	4.0-7.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-65	5.0-15.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-66	5.0-8.0			Buried under bridge pier					Buried under bridge pier					Buried under bridge pier		
LG-74	5.0-7.0			Buried under fill					Buried under fill					Buried under fill		
LG-75	3.0-5.0			Decommissioned					Decommissioned					Decommissioned		
LG-79	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-80	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-81	6.75-11.75			Monument damaged					Monument damaged					Monument damaged		
LG-85		0.0	8.0	5.8	-		0.0	6.3	10.6	-		0.0	12.3	6.4	-	
LG-86		0.0	6.9	8.9	-		0.0	6.5	10.6	-		0.0	14.8	3.6	-	
LG-87		0.0	2.3	18.9	-		0.0	2.2	17.8	-		0.0	5.2	14.6	-	
Landfill Exterior (north west end)																
LG-88	3-10															

Table 1A
Everett Landfill - Recent Gas Probe Monitoring

	Screen Interval	CH4 %	Date CO2 %	11/11/16 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	2/3/17 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	5/5/17 O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0			Damaged					Damaged					Damaged		
LG-2b	12.0-17.0			Damaged					Damaged					Damaged		
LG-2c	20.0-25.0			Damaged					Damaged					Damaged		
LG-3a	7.0-12.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-3b	15.0-20.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-5	3.5-6.5			Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03		
LG-6	5.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-8	5.0-8.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9b	12.0-17.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9c	20.0-25.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10b	11.0-16.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10c	18.0-23.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-13	4.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-14	4.0-8.0	0.0	0.2	20.2	-		0.5	2.2	18.0	-		0.2	0.2	20.6	-	
LG-15	4.0-10.0	15.7	2.5	13.2	-		14.5	2	15.6	-		0.0	0.2	20.7	-	
LG-16	4.0-10.0	5.6	0.8	0.5	-		4.8	1.2	1.5	-		0.0	0.1	20.8	-	
LG-17	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-18	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-19	5.0-12.5			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-20	4.0-9.0			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-82		54.9	8.5	8.6	-		60.3	7.7	3.4	-		23.4	1.2	14.6	-	
LG-83		30.7	3.8	16.1	-		45.6	6.2	1.0	-		17.4	2.7	15.8	-	
LG-84		46.7	11.2	10.2	-		50.0	20.1	0.8	-		18.9	1.5	16	-	
West Boundary																
LG-21	3.0-5.0	0.0	0.0	21.3	-		0.0	0.0	21.2	-		0.0	0.0	20.9	-	
LG-22	3.0-5.0			Damaged					Damaged					Damaged		
LG-23	3.0-5.0	0.0	0.0	21.4	-		0.0	0.1	21.3	-		0.0	0.0	20.9	-	
LG-24	3.0-8.0	0.0	0.0	21.3	-		0.0	0.1	21.3	-		0.0	0.0	20.9	-	
LG-25	3.0-8.0	0.0	0.3	21.2	-		0.0	0.2	21.2	-		0.0	0.0	21.4	-	
LG-26	3.0-8.0	0.0	0.0	21.5	-		0.0	0.1	21.3	-		0.0	0.2	20.8	-	
LG-27	3.0-8.0	0.0	0.0	21.4	-		0.0	0.1	21.3	-		0.0	0.0	20.9	-	
LG-28	3.0-8.0	0.0	3.3	15.8	-		0.0	0.8	19.0	-		0.0	0.1	20.9	-	
LG-29	3.0-8.0			Damaged					Damaged					Damaged		
LG-30	5.0-10.0	0.0	2.5	17.0	-		0.0	1.2	19.5	-		0.0	0.2	20.8	-	
LG-31	7.0-12.0	0.0	0.1	21.3	-		0.0	0.1	21.2	-		0.0	0.0	21.0	-	
LG-32	3.0-8.0	0.0	20.1	1.8	-		0.0	10.1	11.7	-		0.0	0.0	21.0	-	
LG-33	7.0-12.0	0.0	0.2	21	-		0.0	0.1	21.2	-		0.0	0.0	21.0	-	
LG-34	3.0-8.0	0.0	2.4	18.7	-		0.0	2.0	18.7	-		0.0	0.2	20.9	-	
LG-35	4.0-9.0	0.0	9.4	2.9	-		0.0	8.0	11	-		0.0	0.3	20.8	-	
LG-36	9.0-14.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-37	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-38	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-39	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-40	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
Upgradient West Boundary																
LG-56	10.0-25.0			Monument damaged					Monument damaged					Monument damaged		
LG-57	10.0-35.0	0.0	0.5	20.1	-		0.0	0.5	20.1	-		0.0	0.2	20.8	-	
LG-58	8.0-28.0	0.0	1.3	18.6	-		0.0	1.3	18.6	-		0.0	0.0	20.9	-	
LG-76	20.0-35.0	0.0	0.7	20.0	-		0.0	0.2	21.0	-		0.0	0.2	20.8	-	
LG-77	15.0-35.0	19.5	26.3	5.1	-		15.5	20.1	4.6	-		10.9	15.6	19.8	-	
LG-78	10.0-25.0	0.0	0.2	21.2	-		0.0	0.2	21.2	-		0.0	0.0	20.9	-	
Northern Landfill Boundary																
LG-1	3.5-6			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-11	3.5-5.5			Monument filled					Monument filled					Monument filled		
LG-12	3.5-5.5			Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt		
LG-41	5.0-10.0	0.0	3.5	14.1	-		0.0	1.1	20.3	-		0.0	0.0	20.9	-	
LG-42	8.0-13.0			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-43	3.0-8.0	0.0	0.1	20.3	-		0.0	0.2	21.2	-		0.0	0.0	20.9	-	
LG-44	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-45	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-46	10.0-15.0			Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property		
LG-47	5.0-10.0			Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate		
LG-55	6.0-16.0	0.0	10.1	9.5	-		0.0	7.7	15.0	-		0.0	0.9	19.2	-	
LG-59	5.0-15.0	0.0	0.1	20.3	-		0.0	0.2	21.3	-		0.0	0.0	21.0	-	
LG-60	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-61	5.0-15.0			Appears damaged, monument destroyed					Appears damaged, monument destroyed					Appears damaged, monument destroyed		
LG-62	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-67	5.0-12.0			Monument damaged					Monument damaged					Monument damaged		
LG-68	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-69	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-70	3.0-7.0	0.0	3.0	15.9	-		0.5	3.5	18	-		0.0	3.1	15.5	-	
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0			Buried under fill					Buried under fill					Buried under fill		
LG-49	2.5 to 6			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-50	4.0-12.0			Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged		
LG-51	3.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-63	3.0-4.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-64	4.0-7.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-65	5.0-15.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-66	5.0-8.0			Buried under bridge pier					Buried under bridge pier					Buried under bridge pier		
LG-74	5.0-7.0			Buried under fill					Buried under fill					Buried under fill		
LG-75	3.0-5.0			Decommissioned					Decommissioned					Decommissioned		
LG-79	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-80	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-81	6.75-11.75			Monument damaged					Monument damaged					Monument damaged		
LG-85		0.0	0.0	20.7	-		0.0	0.2	21.2	-		0.0	0.0	20.9	-	
LG-86				by pile of gravel under I-5, may still be functional once gravel is					by pile of gravel under I-5, may still be functional once gravel is					by pile of gravel under I-5, may still be functional once gravel is		
LG-87				by pile of gravel under I-5, may still be functional once gravel is					by pile of gravel under I-5, may still be functional once gravel is					by pile of gravel under I-5, may still be functional once gravel is		
Landfill Exterior (north west end)																
LG-																

**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	CH4 %	Date			Pressure H2O	Water Depth (ft)	CH4 %	Date			Pressure H2O	Water Depth (ft)	CH4 %	Date			Pressure H2O	Water Depth (ft)
			CO2 %	O2 %					CO2 %	O2 %					CO2 %	O2 %			
Landfill Interior																			
LG-2a	4.0-9.0		Damaged					Damaged					Damaged						
LG-2b	12.0-17.0		Damaged					Damaged					Damaged						
LG-2c	20.0-25.0		Damaged					Damaged					Damaged						
LG-3a	7.0-12.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-3b	15.0-20.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-5	3.5-6.5		Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03						
LG-6	5.0-10.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-8	5.0-8.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-9a	4.0-9.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-9b	12.0-17.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-9c	20.0-25.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-10a	4.0-9.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-10b	11.0-16.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-10c	18.0-23.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-13	4.0-10.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-14	4.0-8.0	25.8	9.6	3.8	-		10.9	6	5.5	-		0.0	0.1	21.0	-				
LG-15	4.0-10.0	15.0	1.4	10.8	-		15.0	4	11.2	-		12.3	5.5	10.0	-				
LG-16	4.0-10.0	29.1	13.5	9.2	-		4.2	1.2	19.0	-		0.0	0.1	21.0	-				
LG-17	4.0-9.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-18	4.0-9.0		Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08						
LG-19	5.0-12.5		Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03						
LG-20	4.0-9.0		Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03						
LG-82		50.6	10.7	1.7	-		43	6.1	4.8	-		17.9	13.2	13.7	-				
LG-83		61.7	15.1	3.4	-		68.6	21.4	1.3	-		75.9	21.4	0.0	-				
LG-84		50.7	21.6	4.7	-		50.2	25.9	3.6	-		11.5	2.4	15.5	-				
West Boundary																			
LG-21	3.0-5.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.1	21.0	-				
LG-22	3.0-5.0		Damaged					Damaged					Damaged						
LG-23	3.0-5.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.2	21.0	-				
LG-24	3.0-8.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.2	21.0	-				
LG-25	3.0-8.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.3	18.5	-				
LG-26	3.0-8.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.3	21.0	-				
LG-27	3.0-8.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	0.3	21.0	-				
LG-28	3.0-8.0	0.0	0.1	20.9	-		0.0	0.2	21.0	-		0.0	1.3	19.7	-				
LG-29	3.0-8.0		Damaged					Damaged					Damaged						
LG-30	5.0-10.0	0.0	0.5	20.4	-		0.0	2.1	18.2	-		0.0	2.7	18.0	-				
LG-31	7.0-12.0	0.0	0.1	20.9	-		0.0	2.4	17.1	-		0.0	2.3	18.2	-				
LG-32	3.0-8.0	0.0	3.2	17.8	-		0.0	3.2	17.8	-		0.0	6.8	9.9	-				
LG-33	7.0-12.0	0.0	0.1	20.9	-		0.0	0.1	20.9	-		0.0	0.3	21.0	-				
LG-34	3.0-8.0	0.0	0.1	20.9	-		0.0	5.2	14.4	-		0.0	2.7	18.5	-				
LG-35	4.0-9.0	0.0	0.1	20.9	-		0.0	6.6	12.5	-		0.0	1.1	15.2	-				
LG-36	9.0-14.0		Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07						
LG-37	7.0-12.0		Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07						
LG-38	7.0-12.0		Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07						
LG-39	7.0-12.0		Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07						
LG-40	7.0-12.0		Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07						
Upgradient West Boundary																			
LG-56	10.0-25.0		Monument damaged					Monument damaged					Monument damaged						
LG-57	10.0-35.0	0.0	0.1	20.9	-		0.0	0.2	21	-		0.0	1.1	20.5	-				
LG-58	8.0-28.0	0.0	0.7	20	-		0.0	0.5	19.9	-		0.0	0.2	21	-				
LG-76	20.0-35.0	0.0	5.5	16.1	-		0.0	6.8	15.5	-		0.0	0.3	21.0	-				
LG-77	15.0-35.0	15.3	6.3	4.1	-		18.0	3.2	5.0	-		9.5	20.0	10.1	-				
LG-78	10.0-25.0	0.0	0.0	20.9	-		0.0	0.3	20.9	-		0.0	0.3	21.0	-				
Northern Landfill Boundary																			
LG-1	3.5-6		Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10						
LG-11	3.5-5.5		Monument filled					Monument filled					Monument filled						
LG-12	3.5-5.5		Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt						
LG-41	5.0-10.0	0.0	0.5	20.6	-		0.0	0.8	20.2	-		0.0	5.5	13.2	-				
LG-42	8.0-13.0		Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10						
LG-43	3.0-8.0		Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property						
LG-44	3.0-8.0		Covered by building demo debris					Covered by building demo debris					Covered by building demo debris						
LG-45	3.0-8.0		Covered by building demo debris					Covered by building demo debris					Covered by building demo debris						
LG-46	10.0-15.0		Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property						
LG-47	5.0-10.0		Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate						
LG-55	6.0-16.0	0.0	7.0	11.8	-		0.0	8.5	10.0	-		0.0	8.7	10.5	-				
LG-59	5.0-15.0	1.6	10.1	1.9	-		1.6	13.2	1.5	-		0.5	15.5	10.9	-				
LG-60	5.0-15.0		Monument damaged					Monument damaged					Monument damaged						
LG-61	5.0-15.0		Appears damaged, monument destroyed					Appears damaged, monument destroyed					Appears damaged, monument destroyed						
LG-62	5.0-15.0		Monument damaged					Monument damaged					Monument damaged						
LG-67	5.0-12.0		Monument damaged					Monument damaged					Monument damaged						
LG-68	2.0-5.0		Buried under fill					Buried under fill					Buried under fill						
LG-69	2.0-5.0		Buried under fill					Buried under fill					Buried under fill						
LG-70	3.0-7.0	0.0	7.9	12.5	-		0.0	8.0	13	-		0.0	6.7	14.4	-				
Utility Trenches																			
I-5 (west end)																			
LG-48	3.0-6.0		Buried under fill					Buried under fill					Buried under fill						
LG-49	2.5 to 6		Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08						
LG-50	4.0-12.0		Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged						
LG-51	3.0-5.0		Buried under fill					Buried under fill					Buried under fill						
LG-63	3.0-4.0		Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08						
LG-64	4.0-7.0		Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08						
LG-65	5.0-15.0		Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08						
LG-66	5.0-8.0		Buried under bridge pier					Buried under bridge pier					Buried under bridge pier						
LG-74	5.0-7.0		Buried under fill					Buried under fill					Buried under fill						
LG-75	3.0-5.0		Decommissioned					Decommissioned					Decommissioned						
LG-79	2.0-4.0		Monument damaged					Monument damaged					Monument damaged						
LG-80	2.0-4.0		Monument damaged					Monument damaged					Monument damaged						
LG-81	6.75-11.75		Monument damaged					Monument damaged					Monument damaged						
LG-85		0.0	5.3	9.2	-		0.0	10.3	6.2	-		0.0	8.2	6	-				
LG-86		0.0	5.0	15.5	-		0.0	8.9	10.5	-		0.0	7.7	8	-				
LG-87		0.0	6.1	10.1	-		0.0	9.0	12.1	-		0.0	4	16.2	-				

**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	CH4 %	Date CO2 %	1/15/19 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	4/26/19 O2 %	Pressure H2O	Water Depth (ft)	CH4 %	Date CO2 %	7/1/19 O2 %	Pressure H2O	Water Depth (ft)
Landfill Interior																
LG-2a	4.0-9.0			Damaged					Damaged					Damaged		
LG-2b	12.0-17.0			Damaged					Damaged					Damaged		
LG-2c	20.0-25.0			Damaged					Damaged					Damaged		
LG-3a	7.0-12.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-3b	15.0-20.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-5	3.5-6.5			Decommissioned 2/18/03					Decommissioned 2/18/03					Decommissioned 2/18/03		
LG-6	5.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-8	5.0-8.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9b	12.0-17.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-9c	20.0-25.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10a	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10b	11.0-16.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-10c	18.0-23.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-13	4.0-10.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-14	4.0-8.0	15.6	3.2	15.3	-		10.2	5.5	4.5	-		4.2	6.9	11.6	-0.466	
LG-15	4.0-10.0	55.6	18.9	0.5	-		14.6	2.5	10.0	-		65.3	23.5	0.3	-0.151	
LG-16	4.0-10.0	5.5	0.9	19.9	-		0.0	0.3	20.5	-		74.4	19.6	0.4	-2.652	
LG-17	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-18	4.0-9.0			Decommissioned 2/21/08					Decommissioned 2/21/08					Decommissioned 2/21/08		
LG-19	5.0-12.5			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-20	4.0-9.0			Decommissioned 11/1/03					Decommissioned 11/1/03					Decommissioned 11/1/03		
LG-82		57.2	7.5	4.3	-		35.6	9	2.0	-		27	5.5	9.1	-1.595	
LG-83		63.2	14.5	2.6	-		58.9	12.7	0.8	-		32.9	12.7	5.4	-14.545	
LG-84		70.8	20.9	0.5	-		33.2	7.7	1.8	-		5.8	7.2	16.0	-0.140	
West Boundary																
LG-21	3.0-5.0	0.0	0.0	21.2	-		0.0	0.1	20.8	-		0.0	0.1	20.1	-0.160	
LG-22	3.0-5.0			Damaged					Damaged					Damaged		
LG-23	3.0-5.0	0.0	0.0	21.2	-		0.0	0.1	20.8	-		0.0	0.2	20.1	-0.078	
LG-24	3.0-8.0	0.0	0.1	21.2	-		0.0	0.1	20.8	-		0.0	0.2	20.2	-0.172	
LG-25	3.0-8.0	0.0	0.4	19.9	-		0.0	0.2	20.8	-		0.0	0.2	20.1	-0.464	
LG-26	3.0-8.0	0.0	0.1	21	-		0.0	0.1	20.8	-		0.0	0.2	20.1	-0.146	
LG-27	3.0-8.0	0.0	0.2	21	-		0.0	0.1	20.8	-		0.0	0.2	20.1	-0.062	
LG-28	3.0-8.0	0.0	0.2	20.9	-		0.0	0.4	20.5	-		0.0	3.5	19.6	-0.064	
LG-29	3.0-8.0			Damaged					Damaged					Damaged		
LG-30	5.0-10.0	0.0	2	18.0	-		0.0	1.2	19.8	-		0.0	0.9	19.8	-0.153	
LG-31	7.0-12.0	0.0	0.6	19.6	-		0.0	0.1	20.8	-		0.0	0.1	20.8	-0.978	
LG-32	3.0-8.0	0.0	7.5	13.8	-		0.0	9.8	12	-		0.0	3.2	15.5	-0.065	
LG-33	7.0-12.0	0.0	0.2	20.7	-		0.0	0.1	20.8	-		0.0	0.2	20.1	-0.124	
LG-34	3.0-8.0	0.0	1.7	17.4	-		0.0	1.0	19.6	-		0.0	0.5	19.8	-0.067	
LG-35	4.0-9.0	0.0	5.0	15.1	-		0.0	6.0	14.3	-		0.0	7.8	16.7	-0.099	
LG-36	9.0-14.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-37	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-38	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-39	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
LG-40	7.0-12.0			Decommissioned 08/1/07					Decommissioned 08/1/07					Decommissioned 08/1/07		
Upgradient West Boundary																
LG-56	10.0-25.0			Monument damaged					Monument damaged					Monument damaged		
LG-57	10.0-35.0	0.0	0.7	20	-		0.0	0.9	20.2	-		0.0	0.5	19.9	-0.046	
LG-58	8.0-28.0	0.0	0	21.2	-		0.0	0.1	20.8	-		0.0	0.1	20.1	-0.676	
LG-76	20.0-35.0	0.0	0	21.2	-		0.0	0.7	20.1	-		0.0	1.1	19.9	-0.346	
LG-77	15.0-35.0	11.0	22.0	4.5	-		10.0	5.9	7.0	-		12.9	12.4	10.2	-0.336	
LG-78	10.0-25.0	0.0	0.5	20.3	-		0.0	0.1	20.8	-		0.0	6.7	9.9	-0.784	
Northern Landfill Boundary																
LG-1	3.5-6			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-11	3.5-5.5			Monument filled					Monument filled					Monument filled		
LG-12	3.5-5.5			Sample port filled with dirt					Sample port filled with dirt					Sample port filled with dirt		
LG-41	5.0-10.0	0.0	3.5	12.5	-		0.0	1.0	19.8	-		0.2	8.3	8.4	-0.028	
LG-42	8.0-13.0			Decommissioned 7/11/10					Decommissioned 7/11/10					Decommissioned 7/11/10		
LG-43	3.0-8.0			Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property		
LG-44	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-45	3.0-8.0			Covered by building demo debris					Covered by building demo debris					Covered by building demo debris		
LG-46	10.0-15.0			Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property					Covered by Diversified preload/fill, on private property		
LG-47	5.0-10.0			Under soil/sediments, could not locate					Under soil/sediments, could not locate					Under soil/sediments, could not locate		
LG-55	6.0-16.0	0.0	8.3	10.9	-		0.0	7.5	14.7	-		0.0	3.3	18.8	-0.088	
LG-59	5.0-15.0	0.0	2.5	18.9	-		0.0	0.2	20.6	-		0.0	0.2	20.1	-0.112	
LG-60	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-61	5.0-15.0			Appears damaged, monument destroyed					Appears damaged, monument destroyed					Appears damaged, monument destroyed		
LG-62	5.0-15.0			Monument damaged					Monument damaged					Monument damaged		
LG-67	5.0-12.0			Monument damaged					Monument damaged					Monument damaged		
LG-68	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-69	2.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-70	3.0-7.0	0.2	20.1	1.1	-		0.1	4.5	18.2	-		0.4	6.4	11.2	-0.185	
Utility Trenches																
I-5 (west end)																
LG-48	3.0-6.0			Buried under fill					Buried under fill					Buried under fill		
LG-49	2.5 to 6			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-50	4.0-12.0			Monument tilted / damaged					Monument tilted / damaged					Monument tilted / damaged		
LG-51	3.0-5.0			Buried under fill					Buried under fill					Buried under fill		
LG-63	3.0-4.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-64	4.0-7.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-65	5.0-15.0			Decommissioned 6/20/08					Decommissioned 6/20/08					Decommissioned 6/20/08		
LG-66	5.0-8.0			Buried under bridge pier					Buried under bridge pier					Buried under bridge pier		
LG-74	5.0-7.0			Buried under fill					Buried under fill					Buried under fill		
LG-75	3.0-5.0			Decommissioned					Decommissioned					Decommissioned		
LG-79	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-80	2.0-4.0			Monument damaged					Monument damaged					Monument damaged		
LG-81	6.75-11.75			Monument damaged					Monument damaged					Monument damaged		
LG-85		0.0	6.3	10.4	-		0.0	6.9	10.6	-		0.0	5.9	12.8	-0.545	
LG-86		0.0	7.5	11.6	-		0.0	5.5	12.7	-		0.1	0.5	19	-0.389	
LG-87		0.0	2.6	16.8	-											

**Table 1A
Everett Landfill - Recent Gas Probe Monitoring**

	Screen Interval	CH4 %	Date		Pressure H2O	Water Depth (ft)
			CO2 %	10/28/19 O2 %		
Landfill Interior						
LG-2a	4.0-9.0	Damaged				
LG-2b	12.0-17.0	Damaged				
LG-2c	20.0-25.0	Damaged				
LG-3a	7.0-12.0	Decommissioned 2/21/08				
LG-3b	15.0-20.0	Decommissioned 2/21/08				
LG-5	3.5-6.5	Decommissioned 2/18/03				
LG-6	5.0-10.0	Decommissioned 2/21/08				
LG-8	5.0-8.0	Decommissioned 2/21/08				
LG-9a	4.0-9.0	Decommissioned 2/21/08				
LG-9b	12.0-17.0	Decommissioned 2/21/08				
LG-9c	20.0-25.0	Decommissioned 2/21/08				
LG-10a	4.0-9.0	Decommissioned 2/21/08				
LG-10b	11.0-16.0	Decommissioned 2/21/08				
LG-10c	18.0-23.0	Decommissioned 2/21/08				
LG-13	4.0-10.0	Decommissioned 2/21/08				
LG-14	4.0-8.0	0.1	8.6	16.5	-0.099	
LG-15	4.0-10.0	25.5	23.5	0.5	-0.062	
LG-16	4.0-10.0	33.3	15.6	1.3	-0.056	
LG-17	4.0-9.0	Decommissioned 2/21/08				
LG-18	4.0-9.0	Decommissioned 2/21/08				
LG-19	5.0-12.5	Decommissioned 11/1/03				
LG-20	4.0-9.0	Decommissioned 11/1/03				
LG-82		23.5	9.8	2.8	-0.978	
LG-83		43.5	10	16.8	-1.563	
LG-84		56	9.3	18.0	-2.04	
West Boundary						
LG-21	3.0-5.0	0.0	0.2	20.9	-0.087	
LG-22	3.0-5.0	Damaged				
LG-23	3.0-5.0	0.0	0.2	20.9	-0.132	
LG-24	3.0-8.0	0.0	0.2	20.9	-0.149	
LG-25	3.0-8.0	0.0	0.3	18.7	-0.162	
LG-26	3.0-8.0	0.0	0.2	20.9	-1.431	
LG-27	3.0-8.0	0.0	0.2	20.8	-0.056	
LG-28	3.0-8.0	0.0	1.1	20.0	-0.978	
LG-29	3.0-8.0	Damaged				
LG-30	5.0-10.0	0.0	0.5	20.0	-0.097	
LG-31	7.0-12.0	0.0	0.2	20.9	-0.252	
LG-32	3.0-8.0	0.0	4.5	16.5	-0.155	
LG-33	7.0-12.0	0.0	0.2	20.9	-0.454	
LG-34	3.0-8.0	0.0	0.5	19.8	-0.301	
LG-35	4.0-9.0	0.0	5.6	17.8	-0.45	
LG-36	9.0-14.0	Decommissioned 08/1/07				
LG-37	7.0-12.0	Decommissioned 08/1/07				
LG-38	7.0-12.0	Decommissioned 08/1/07				
LG-39	7.0-12.0	Decommissioned 08/1/07				
LG-40	7.0-12.0	Decommissioned 08/1/07				
Upgradient West Boundary						
LG-56	10.0-25.0	Monument damaged				
LG-57	10.0-35.0	0.0	0.7	19.7	-1.548	
LG-58	8.0-28.0	0.0	0.2	21	-2.228	
LG-76	20.0-35.0	0.0	1.1	19.9	-0.346	
LG-77	15.0-35.0	12.9	12.4	10.2	-0.336	
LG-78	10.0-25.0	0.0	6.7	9.9	-0.784	
Northern Landfill Boundary						
LG-1	3.5-6	Decommissioned 7/11/10				
LG-11	3.5-5.5	Monument filled				
LG-12	3.5-5.5	Sample port filled with dirt				
LG-41	5.0-10.0	0.0	0.4	20.4	-0.037	
LG-42	8.0-13.0	Decommissioned 7/11/10				
LG-43	3.0-8.0	Covered by Diversified preload/fill, on private property				
LG-44	3.0-8.0	Covered by building demo debris				
LG-45	3.0-8.0	Covered by building demo debris				
LG-46	10.0-15.0	Covered by Diversified preload/fill, on private property				
LG-47	5.0-10.0	Under soil/sediments, could not locate				
LG-55	6.0-16.0	0.0	2.2	19.9	-0.166	
LG-59	5.0-15.0	Under soil/sediments, could not locate				
LG-60	5.0-15.0	Monument damaged				
LG-61	5.0-15.0	Appears damaged, monument destroyed				
LG-62	5.0-15.0	Monument damaged				
LG-67	5.0-12.0	Monument damaged				
LG-68	2.0-5.0	Buried under fill				
LG-69	2.0-5.0	Buried under fill				
LG-70	3.0-7.0	0.2	2.3	15.6	-1.962	
Utility Trenches						
I-5 (west end)						
LG-48	3.0-6.0	Buried under fill				
LG-49	2.5 to 6	Decommissioned 6/20/08				
LG-50	4.0-12.0	Monument tilted / damaged				
LG-51	3.0-5.0	Buried under fill				
LG-63	3.0-4.0	Decommissioned 6/20/08				
LG-64	4.0-7.0	Decommissioned 6/20/08				
LG-65	5.0-15.0	Decommissioned 6/20/08				
LG-66	5.0-8.0	Buried under bridge pier				
LG-74	5.0-7.0	Buried under fill				
LG-75	3.0-5.0	Decommissioned				
LG-79	2.0-4.0	Monument damaged				
LG-80	2.0-4.0	Monument damaged				
LG-81	6.75-11.75	Monument damaged				
LG-85		0.1	4.3	16.8	-0.756	
LG-86		0.1	0.2	20.4	-1.352	
LG-87		0.0	6.7	11.7	-0.087	
Landfill Exterior (north west end)						
LG-88	3-10	0.0	1.4	18.9	-2.384	
LG-89	3-10	0.0	0.0	20.9	-0.969	
LG-90	3-10	0.0	0.0	20.9	-1.434	
Eclipse (east end)						
LG-52	3.0-8.0	Damaged 1/04				
LG-53	2.5-4.0	Buried under fill				
LG-54	3.0-6.0	Buried under fill				
LG-71	4.0-6.0	0.1	5.0	15.5	-0.039	
LG-72	2.5-4.0	0.0	0.5	20.1	-0.045	
LG-73	4.0-6.0	0.0	0.5	20.3	-0.032	



Table 2
Everett Landfill - Gas Monitoring at Structures

ON-SITE STRUCTURES

Structure/Address sample location	2/7/2017 Methane ppm	5/11/2017 Methane ppm	8/18/2017 Methane ppm	11/7/2017 Methane ppm	1/31/2018 Methane ppm	4/12/2018 Methane ppm	6/27/2018 Methane ppm	11/9/2018 Methane ppm	7/9/2019 Methane ppm	11/13/2019 Methane ppm
Everett Animal Shelter 2732 36th Street										
lawn sprinkler vault (N side of bldg.)										
roof drains										
Women's public restroom (floor drain)**	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed	animal shelter closed
Men's public restroom (floor drain)**										
employee restroom (floor drains)										
floor crack in storage room adj. to cat room										
breathing zone in storage room adj. to cat room										
telephone storage room										
Snohomish County Transfer Station										
lunch room										
restrooms										
changing bldg										
valve control vault	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed	transfer station closed
Scale vault (south side)										
Scale Vault (north side)										
OFF-SITE STRUCTURES										
GTS Drywall Supply Co. 2931 36th Street										
roof drains (W, N, E sides of bldg)										
roof drain (SW corner of bldg)**										
toilets	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd
floor cracks										
foundation cracks										
boiler pipe penetrations										
Everett Gospel Mission 3711 Smith Avenue										
lawn sprinkler vault (N side of bldg)	0	0	0	0	0	0	0	0	0	0
floor cracks	0	0	0	0	0	0	0	0	0	0
foundation cracks	0	0	0	0	0	0	0	0	0	0
boiler pipe penetrations	0	0.4	0.1	0	0.1	0	1	0.1	0	0
food storage room	0	0.2	0.1	0	0	0	0.1	0	0	0
Cascade Wholesale 2410 38th Street										
lawn sprinkler vault (E side of bldg)	0	0	0	0	0	0	0	0	0	0
roof drains	0	0	0	0	0	0	0	0	0	0
sewer	1.8	0.1	0.4	0.1	0	0	0.4	0	0	0
restrooms	0.2	0	0	0	0	0	0.2	0.1	0	0
floor cracks inside bldg	0	0	0	0	0	0	0	0	0	0
H & R Mechanical Systems Inc. 2407 38th Street										
roof drains	0	0	0	0	0	0	0	0	0	0
cracks in pavement	0	0	0	0	0	0	0	0	0	0
floor cracks	0	0	0	0	0	0	0	0	0	0
Sno Valley Process Solutions 2420 38th Street										
roof drains	0	0	0	0	0	0	0	0	0	0
cracks in pavement	0	0	0	0	0	0	0	0	0	0
floor cracks	0	0	0	0	0	0	0	0	0	0
Ron May Towing 2406 39th Street										
bathrooms	0.3	0	0	0.1	0	0	0.2	0	0	0
exterior drains	0	0	0	0	0	0	0	0	0	0
Diversified Recycling/Car Wash Chemical Co. 2931 36th Street										
boiler room										
bathrooms										
closet										
beam/floor cracks										
drainage pipe										
roof drains outside building	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd	bldg demo'd
warehouse breathing space										
south sensor										
north sensor										