



ESHID-602224

Environment Protection & Compliance Division
Los Alamos National Laboratory
PO Box 1663, MS K499
Los Alamos, New Mexico 87545
(505) 667-2211

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87544
(505) 665-7314/Fax (505) 667-5948

Date: **MAR 03 2017**
Symbol: EPC-DO: 17-100
LA-UR: 17-21210
Locates Action No.: N/A

Mr. John E. Kieling
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Subject: Additional Sampling at TA-33-0375 Septic Tank and Leachfield

Dear Mr. Kieling:

The United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively the Permittees) received the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) *Response to Solid Waste Management Unit Assessment Report Requirements for Septic Tank Leachfield Systems at Technical Area 33 (HWB-LANL-15-066)* letter dated May 24, 2016. The letter included comments and further investigation requirements from the NMED-HWB for further investigation of the septic tanks in Technical Areas (TAs) 39 and 33, specifically septic tanks TA-39-0104 and TA-33-0375 as well as the associated leachfields. The Permittees provided a status update and description of the activities completed in association with these septic tanks in the *Response to NMED's Comments on Septic Tank/Leachfield Systems at Technical Areas 33* (EPC-DO-16-260) letter dated September 28, 2016. The response included requirements for additional sampling of the tank and leachfield at TA-33-0375.

As proposed in the *Corrective Actions Resulting from the Resampling of Septic Tank-Disposal System TA-33-0375, dated June 2015*, Septic Tank TA-33-0375 was pumped, cleaned and inspected and returned to service. In addition, samples from the tank were collected on October 5, 2016 and the leachfield was sampled on December 13, 2016.

Analytical results from the sampling of tank TA-33-0375 were transmitted to the NMED Ground Water Quality Bureau under EPC-DO-17-052 *Discharge Permit DP-1589, Semi-annual Monitoring Report, July*

1-December 31, 2016. Three samples were collected from the septic tank. One sample was submitted to General Engineering Laboratory LLC (GEL), Charleston, South Carolina, and two samples (sample and field duplicate) were submitted to ALS Environmental Laboratories (ALS), Fort Collins, Colorado. Enclosure 1 contains a Table listing all detections from both analytical laboratories. The reported result for phenol from GEL was 13.2 µg/L but both the sample and field duplicate results from ALS were non-detect.

Sample analysis for the TA-33-0375 leachfield sample included volatile and semi-volatile organic compounds. Results for this sampling event are provided in Enclosure 2. No hazardous volatile or semi-volatile organic compounds were detected in the leachfield sample.

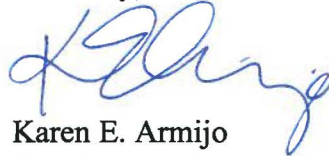
If you have comments or questions regarding this response letter, please contact Karen E. Armijo, NA-LA, at (505) 665-7314 or Mark P. Haagenstad, LANS, at (505) 665-2014.

Sincerely,



John C. Bretzke
Division Leader

Sincerely,



Karen E. Armijo
Permitting and Compliance Program Manager

JCB/KEA/MPH/BM:am

Copy: Neelan Dhawan, NMED/HWB, Santa Fe, NM, (E-File)
Siona Briley, NMED-HWB, Santa Fe, NM, (E-File)
Steve Yanicak, NMED/DOE/OB, Los Alamos, NM, (E-File)
Michelle Hunter, NMED/GWQB, Santa Fe, NM, (E-File)
Dave Cobrain, NMED/HWB, Santa Fe, NM, (E-File)
Steve Huddleston, NMED/GWQB, Santa Fe, NM, (E-File)
Karen E. Armijo, NA-LA, (E-File)
David Rhodes, EM-SG, (E-File)
Cheryl Rodriguez, EM-SG, (E-File)
Kirsten Laskey, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
William R. Mairson, PADOPS, (E-File)
Michael T. Brandt, ADESH, (E-File)
Raeanna Sharp-Geiger, ADESH, (E-File)
Randy Erickson, ADEM, (E-File)
Andrew W. Erickson, UI-DO, (E-File)
Joe English, ADEM-PO, (E-File)
Randy E. Vigil, UI-OPS, (E-File)
Mark P. Haagenstad, EPC-CP, (E-File)
Michael Saladen, EPC-CP, (E-File)

Robert S. Beers EPC-CP, (E-File)
Tammy Diaz, EPC-CP, (E-File)
Marc R. Gallegos, DSESH-STO, (E-File)
Tim Dolan, LC-ESH, (E-File)
Ellena I. Martinez, EPC-CP, (E-File)
Saundra Martinez , ADEM-MA, (E-File)
lasomailbox@nnsa.doe.gov, (E-File)
emla.docs@em.doe.gov, (E-File)
locatesteam@lanl.gov, (E-File)
epc-correspondence@lanl.gov, (E-File)
epccat@lanl.gov, (E-File)
rcra-prr@lanl.gov, (E-File)
adesh-records@lanl.gov, (E-File)



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ENCLOSURE 1

Septic Tank Sample Analytes with Detectable Results

EPC-DO: 17-100

LAUR-17-21210

Date: MAR 06 2017

Table of Analytical Detections
Septic Tank-Disposal System TA-33-0375

Field Sample ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Purpose	Validation Qualifier	Validation Reason Codes	COC #	Lab ID
WST33-16-126853	10/05/2016	Acetone	3.18	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126854	10/05/2016	Acetone	5.7	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126857	10/05/2016	Acetone	6	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126853	10/05/2016	Butanol[1-]	27.2	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126853	10/05/2016	Butanone[2-]	2.08	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126854	10/05/2016	Butanone[2-]	4.7	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126857	10/05/2016	Butanone[2-]	5	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126857	10/05/2016	Benzyl Alcohol	4.9	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126853	10/05/2016	Benzyl Alcohol	10.0	ug/L	U	N	REG	UJ	SV3a	2017-74	GELC
WST33-16-126854	10/05/2016	Benzyl Alcohol	39	ug/L	U	N	REG	U	U_LAB	2017-46	ALSFC
WST33-16-126854	10/05/2016	Carbon Disulfide	1.5	ug/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126857	10/05/2016	Carbon Disulfide	1.1	ug/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126853	10/05/2016	Carbon Disulfide	5.0	ug/L	U	N	REG	U	U_LAB	2017-74	GELC
WST33-16-126859	10/05/2016	Carbon Disulfide	0.3	ug/L	U	N	FTB	U	U_LAB	2017-46	ALSFC
WST33-16-126853	10/05/2016	Phenol	13.2	ug/L		Y	REG	J-	SV3a	2017-74	GELC
WST33-16-126854	10/05/2016	Phenol	39	ug/L	U	N	REG	U	U_LAB	2017-46	ALSFC
WST33-16-126857	10/05/2016	Phenol	4	ug/L	U	N	FD	U	U_LAB	2017-46	ALSFC
WST33-16-126857	10/05/2016	Pyridine	5.9	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126853	10/05/2016	Pyridine	10.0	ug/L	U	N	REG	UJ	SV3a	2017-74	GELC
WST33-16-126854	10/05/2016	Pyridine	51	ug/L	U	N	REG	U	U_LAB	2017-46	ALSFC
WST33-16-126853	10/05/2016	Toluene	2.17	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126854	10/05/2016	Toluene	2.3	ug/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126857	10/05/2016	Toluene	2.4	ug/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126859	10/05/2016	Toluene	0.3	ug/L	U	N	FTB	U	U_LAB	2017-46	ALSFC
WST33-16-126856	10/05/2016	Aluminum	61	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Aluminum	57	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126855	10/05/2016	Arsenic	2.93	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126856	10/05/2016	Arsenic	0.83	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Arsenic	0.76	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC

Table of Analytical Detections
Septic Tank-Disposal System TA-33-0375

Field Sample ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Purpose	Validation Qualifier	Validation Reason Codes	COC #	Lab ID
WST33-16-126855	10/05/2016	Barium	28.5	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Barium	29	ug/L		Y	REG	J	I10d	2017-46	ALSFC
WST33-16-126858	10/05/2016	Barium	27	ug/L		Y	FD	J	I10d	2017-46	ALSFC
WST33-16-126855	10/05/2016	Boron	38.6	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126856	10/05/2016	Cadmium	0.11	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Cadmium	0.11	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126855	10/05/2016	Chloride	57.7	mg/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Chloride	61	mg/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126858	10/05/2016	Chloride	62	mg/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126856	10/05/2016	Chromium	1	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126856	10/05/2016	Cobalt	0.29	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Cobalt	0.22	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126855	10/05/2016	Copper	10.5	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Copper	11	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Copper	10	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126855	10/05/2016	Cyanide (Total)	0.00475	mg/L	J	Y	REG	J-	I6a	2017-74	GELC
WST33-16-126855	10/05/2016	Fluoride	0.234	mg/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Fluoride	0.27	mg/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126858	10/05/2016	Fluoride	0.29	mg/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126855	10/05/2016	Iron	1470	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Iron	1400	ug/L		Y	REG	J	I10d	2017-46	ALSFC
WST33-16-126858	10/05/2016	Iron	1400	ug/L		Y	FD	J	I10d	2017-46	ALSFC
WST33-16-126855	10/05/2016	Lead	3.03	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126855	10/05/2016	Manganese	44.1	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Manganese	44	ug/L		Y	REG	J	I10d	2017-46	ALSFC
WST33-16-126858	10/05/2016	Manganese	43	ug/L		Y	FD	J	I10d	2017-46	ALSFC
WST33-16-126855	10/05/2016	Molybdenum	2.09	ug/L		Y	REG	NQ	NQ	2017-74	GELC

Table of Analytical Detections
Septic Tank-Disposal System TA-33-0375

Field Sample ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Purpose	Validation Qualifier	Validation Reason Codes	COC #	Lab ID
WST33-16-126855	10/05/2016	Nickel	3.49	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Nickel	8.6	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Nickel	6.5	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC
WST33-16-126856	10/05/2016	Nitrate-Nitrite as N	0.056	mg/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126858	10/05/2016	Nitrate-Nitrite as N	0.041	mg/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126855	10/05/2016	Perchlorate	0.0504	ug/L	J	Y	REG	J	J_LAB	2017-74	GELC
WST33-16-126853	10/05/2016	Radium-226	0.403	pCi/L		Y	REG	NQ	R33,R33	2017-74	GELC
WST33-16-126854	10/05/2016	Radium-226	0.39	pCi/L		Y	REG	NQ	NQ,R33	2017-46	ALSFC
WST33-16-126857	10/05/2016	Radium-226	0.091	pCi/L		Y	FD	NQ	R33,R33	2017-46	ALSFC
WST33-16-126856	10/05/2016	Selenium	0.81	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126856	10/05/2016	Silver	0.05	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126855	10/05/2016	Sulfate	13.3	mg/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Sulfate	12	mg/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126858	10/05/2016	Sulfate	13	mg/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126855	10/05/2016	TDS	391	mg/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	TDS	400	mg/L		Y	REG	NQ	NQ	2017-46	ALSFC
WST33-16-126858	10/05/2016	TDS	400	mg/L		Y	FD	NQ	NQ	2017-46	ALSFC
WST33-16-126855	10/05/2016	Uranium	0.263	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126855	10/05/2016	Zinc	60.4	ug/L		Y	REG	NQ	NQ	2017-74	GELC
WST33-16-126856	10/05/2016	Zinc	60	ug/L	J	Y	REG	J	J_LAB	2017-46	ALSFC
WST33-16-126858	10/05/2016	Zinc	55	ug/L	J	Y	FD	J	J_LAB	2017-46	ALSFC

ENCLOSURE 2

TA-33-0375 Leachfield Analytical Results

EPC-DO: 17-100

LAUR-17-21210

Date: **MAR 06 2017**

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129023	12/13/2016	Nitroaniline[4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitrophenol[4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Ethylbenzene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Styrene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzyl Alcohol	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropene[cis-1,3-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropene[trans-1,3-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromophenyl-phenylether[4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Azobenzene	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Propylbenzene[1-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Butylbenzene[n-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dimethylphenol[2,4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorotoluene[4-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,4-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloroaniline[4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dibromoethane[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloroethane[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Methyl-2-pentanone[4-]	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Oxybis(1-chloropropane)[2,2'-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trimethylbenzene[1,3,5-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromobenzene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Toluene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorobenzene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Phenol	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Pyridine	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bis(2-chloroethyl)ether	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bis(2-chloroethoxy)methane	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bis(2-ethylhexyl)phthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Di-n-octylphthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Hexachlorobenzene	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Anthracene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichlorobenzene[1,2,4-]	0.337	mg/kg	U	N	2017-706	GELC

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129023	12/13/2016	Dichlorophenol[2,4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dinitrotoluene[2,4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Diphenylamine	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorodibromomethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Tetrachloroethene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Pyrene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dimethyl Phthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dibenzofuran	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Butylbenzene[sec-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropane[1,3-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloroethene[cis-1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloroethene[trans-1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzo(g,h,i)perylene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Indeno(1,2,3-cd)pyrene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzo(b)fluoranthene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Fluoranthene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzo(k)fluoranthene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Acenaphthylene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chrysene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzo(a)pyrene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dinitrophenol[2,4-]	0.673	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dibenz(a,h)anthracene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dinitro-2-methylphenol[4,6-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,3-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,3-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Carbon Tetrachloride	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzo(a)anthracene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropene[1,1-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloro-3-methylphenol[4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Hexanone[2-]	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropane[2,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dinitrotoluene[2,6-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Aniline	0.337	mg/kg	U	N	2017-706	GELC

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129023	12/13/2016	Nitrosodimethylamine[N-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitroso-di-n-propylamine[N-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Tetrachloroethane[1,1,1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzoic Acid	0.673	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Methylphenol[3-,4-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Acetone	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloroform	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Hexachloroethane	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorophenyl-phenyl[4-] Ether	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Benzene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichloroethane[1,1,1-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromomethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloromethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Iodomethane	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dibromomethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromochloromethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloroethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Vinyl Chloride	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Methylene Chloride	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Carbon Disulfide	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromoform	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Bromodichloromethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloroethane[1,1-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloroethene[1,1-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichlorofluoromethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorodifluoromethane	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichloro-1,2,2-trifluoroethane[0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Hexachlorocyclopentadiene	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Isophorone	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichloropropane[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Butanone[2-]	0.00506	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichloroethane[1,1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichloroethene	0.00101	mg/kg	U	N	2017-706	GELC

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129023	12/13/2016	Tetrachloroethane[1,1,2,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Acenaphthene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Diethylphthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Di-n-butylphthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Phenanthrene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Butylbenzylphthalate	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Fluorene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Hexachlorobutadiene	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Pentachlorophenol	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichlorophenol[2,4,6-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitroaniline[2-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitrophenol[2-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Naphthalene	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Methylnaphthalene[2-]	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chloronaphthalene[2-]	0.0337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzidine[3,3'-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Xylene[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Methylphenol[2-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorotoluene[2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dichlorobenzene[1,2-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Chlorophenol[2-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trimethylbenzene[1,2,4-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichlorophenol[2,4,5-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Dibromo-3-Chloropropane[1,2-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Trichloropropane[1,2,3-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Butylbenzene[tert-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Isopropylbenzene	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitrobenzene	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Nitroaniline[3-]	0.337	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Isopropyltoluene[4-]	0.00101	mg/kg	U	N	2017-706	GELC
WST33-17-129023	12/13/2016	Xylene[1,3-]+Xylene[1,4-]	0.00202	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Ethylbenzene	0.001	mg/kg	U	N	2017-706	GELC

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129024	12/13/2016	Styrene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropene[cis-1,3-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropene[trans-1,3-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Propylbenzene[1-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Butylbenzene[n-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chlorotoluene[4-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichlorobenzene[1,4-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dibromoethane[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloroethane[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Methyl-2-pentanone[4-]	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trimethylbenzene[1,3,5-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Bromobenzene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Toluene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chlorobenzene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chlorodibromomethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Tetrachloroethene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Butylbenzene[sec-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropane[1,3-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloroethene[cis-1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloroethene[trans-1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichlorobenzene[1,3-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Carbon Tetrachloride	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropene[1,1-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Hexanone[2-]	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropane[2,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Tetrachloroethane[1,1,1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Acetone	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chloroform	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Benzene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichloroethane[1,1,1-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Bromomethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chloromethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Iodomethane	0.005	mg/kg	U	N	2017-706	GELC

Event 11077

TA-33-0375 Septic Leachfield Sampling

Field Sample ID	Sample Date	Parameter Name	Result	Units	Qualifier	Detected	COC #	Lab ID
WST33-17-129024	12/13/2016	Dibromomethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Bromochloromethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chloroethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Vinyl Chloride	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Methylene Chloride	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Carbon Disulfide	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Bromoform	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Bromodichloromethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloroethane[1,1-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloroethene[1,1-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichlorofluoromethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichlorodifluoromethane	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichloro-1,2,2-trifluoroethane[0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichloropropane[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Butanone[2-]	0.005	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichloroethane[1,1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichloroethene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Tetrachloroethane[1,1,2,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Xylene[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Chlorotoluene[2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dichlorobenzene[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trimethylbenzene[1,2,4-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Dibromo-3-Chloropropane[1,2-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Trichloropropane[1,2,3-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Butylbenzene[tert-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Isopropylbenzene	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Isopropyltoluene[4-]	0.001	mg/kg	U	N	2017-706	GELC
WST33-17-129024	12/13/2016	Xylene[1,3-]+Xylene[1,4-]	0.002	mg/kg	U	N	2017-706	GELC