

Summary Report

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Report Date: August 17, 2016

Work Order: 16081001



Project Location: Lea County, NM
Project Name: EPNG Line 3031 Spike Test
Project Number: AFE 403828

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
426116	Rupture #5 Release	water	2016-08-04	09:45	2016-08-08
426119	Rupture #6 Release	water	2016-08-04	09:50	2016-08-08

Sample - Field Code	TPH DRO DRO (mg/L)	TPH GRO GRO (mg/L)
426116 - Rupture #5 Release	<5.00	5.48
426119 - Rupture #6 Release	<5.00	3.30

Sample: 426116 - Rupture #5 Release

Param	Flag	Result	Units	RL
Chloride		70.6	mg/L	2.5
Bromochloromethane		<10.0	µg/L	1
Dichlorodifluoromethane	Qc	<10.0	µg/L	1
Chloromethane (methyl chloride)	Qc	<10.0	µg/L	1
Vinyl Chloride		<10.0	µg/L	1
Bromomethane (methyl bromide)	Qc	<50.0	µg/L	5
Chloroethane		<10.0	µg/L	1
Trichlorofluoromethane		<10.0	µg/L	1
Acetone		<100	µg/L	10
Iodomethane (methyl iodide)		<50.0	µg/L	5
Carbon Disulfide		11.8	µg/L	1
Acrylonitrile	Qr	<10.0	µg/L	1
2-Butanone (MEK)	Qc	<50.0	µg/L	5
4-Methyl-2-pentanone (MIBK)	Qc	<50.0	µg/L	5
2-Hexanone	Qc	<50.0	µg/L	5

continued ...

sample 426116 continued ...

Param	Flag	Result	Units	RL
trans 1,4-Dichloro-2-butene	Qc	<100	µg/L	10
1,1-Dichloroethene		<10.0	µg/L	1
Methylene chloride		<50.0	µg/L	5
MTBE		<10.0	µg/L	1
trans-1,2-Dichloroethene		<10.0	µg/L	1
1,1-Dichloroethane		<10.0	µg/L	1
cis-1,2-Dichloroethene		<10.0	µg/L	1
2,2-Dichloropropane		<10.0	µg/L	1
1,2-Dichloroethane (EDC)		<10.0	µg/L	1
Chloroform		<10.0	µg/L	1
1,1,1-Trichloroethane		<10.0	µg/L	1
1,1-Dichloropropene		<10.0	µg/L	1
Benzene		26.3	µg/L	1
Carbon Tetrachloride		<10.0	µg/L	1
1,2-Dichloropropane		<10.0	µg/L	1
Trichloroethene (TCE)		<10.0	µg/L	1
Dibromomethane (methylene bromide)		<10.0	µg/L	1
Bromodichloromethane		<10.0	µg/L	1
2-Chloroethyl vinyl ether		<50.0	µg/L	5
cis-1,3-Dichloropropene		<10.0	µg/L	1
trans-1,3-Dichloropropene		<10.0	µg/L	1
Toluene		<10.0	µg/L	1
1,1,2-Trichloroethane		<10.0	µg/L	1
1,3-Dichloropropane		<10.0	µg/L	1
Dibromochloromethane		<10.0	µg/L	1
1,2-Dibromoethane (EDB)		<10.0	µg/L	1
Tetrachloroethene (PCE)		<10.0	µg/L	1
Chlorobenzene		<10.0	µg/L	1
1,1,1,2-Tetrachloroethane		<10.0	µg/L	1
Ethylbenzene		<10.0	µg/L	1
m,p-Xylene		<10.0	µg/L	1
Bromoform		<10.0	µg/L	1
Styrene		<10.0	µg/L	1
o-Xylene		<10.0	µg/L	1
1,1,2,2-Tetrachloroethane		<10.0	µg/L	1
2-Chlorotoluene		<10.0	µg/L	1
1,2,3-Trichloropropane		<10.0	µg/L	1
Isopropylbenzene		<10.0	µg/L	1
Bromobenzene		<10.0	µg/L	1
n-Propylbenzene		<10.0	µg/L	1
1,3,5-Trimethylbenzene		<10.0	µg/L	1
tert-Butylbenzene		<10.0	µg/L	1
1,2,4-Trimethylbenzene		<10.0	µg/L	1
1,4-Dichlorobenzene (para)		<10.0	µg/L	1
sec-Butylbenzene		<10.0	µg/L	1
1,3-Dichlorobenzene (meta)		<10.0	µg/L	1
p-Isopropyltoluene		<10.0	µg/L	1

continued ...

sample 426116 continued ...

Param	Flag	Result	Units	RL
4-Chlorotoluene		<10.0	µg/L	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/L	1
n-Butylbenzene	B	<10.0	µg/L	1
1,2-Dibromo-3-chloropropane		<50.0	µg/L	5
1,2,3-Trichlorobenzene		<50.0	µg/L	5
1,2,4-Trichlorobenzene		<50.0	µg/L	5
Naphthalene		<50.0	µg/L	5
Hexachlorobutadiene		<50.0	µg/L	5

Sample: 426119 - Rupture #6 Release

Param	Flag	Result	Units	RL
Chloride		103	mg/L	2.5
Bromochloromethane		<10.0	µg/L	1
Dichlorodifluoromethane	Qc	<10.0	µg/L	1
Chloromethane (methyl chloride)	Qc	<10.0	µg/L	1
Vinyl Chloride		<10.0	µg/L	1
Bromomethane (methyl bromide)	Qc	<50.0	µg/L	5
Chloroethane		<10.0	µg/L	1
Trichlorofluoromethane		<10.0	µg/L	1
Acetone		<100	µg/L	10
Iodomethane (methyl iodide)		<50.0	µg/L	5
Carbon Disulfide		12.9	µg/L	1
Acrylonitrile	Qr	<10.0	µg/L	1
2-Butanone (MEK)	Qc	<50.0	µg/L	5
4-Methyl-2-pentanone (MIBK)	Qc	<50.0	µg/L	5
2-Hexanone	Qc	<50.0	µg/L	5
trans 1,4-Dichloro-2-butene	Qc	<100	µg/L	10
1,1-Dichloroethene		<10.0	µg/L	1
Methylene chloride		<50.0	µg/L	5
MTBE		<10.0	µg/L	1
trans-1,2-Dichloroethene		<10.0	µg/L	1
1,1-Dichloroethane		<10.0	µg/L	1
cis-1,2-Dichloroethene		<10.0	µg/L	1
2,2-Dichloropropane		<10.0	µg/L	1
1,2-Dichloroethane (EDC)		<10.0	µg/L	1
Chloroform		<10.0	µg/L	1
1,1,1-Trichloroethane		<10.0	µg/L	1
1,1-Dichloropropene		<10.0	µg/L	1
Benzene		18.9	µg/L	1
Carbon Tetrachloride		<10.0	µg/L	1
1,2-Dichloropropane		<10.0	µg/L	1
Trichloroethene (TCE)		<10.0	µg/L	1
Dibromomethane (methylene bromide)		<10.0	µg/L	1
Bromodichloromethane		<10.0	µg/L	1
2-Chloroethyl vinyl ether		<50.0	µg/L	5

continued ...

sample 426119 continued ...

Param	Flag	Result	Units	RL
cis-1,3-Dichloropropene		<10.0	µg/L	1
trans-1,3-Dichloropropene		<10.0	µg/L	1
Toluene		<10.0	µg/L	1
1,1,2-Trichloroethane		<10.0	µg/L	1
1,3-Dichloropropane		<10.0	µg/L	1
Dibromochloromethane		<10.0	µg/L	1
1,2-Dibromoethane (EDB)		<10.0	µg/L	1
Tetrachloroethene (PCE)		<10.0	µg/L	1
Chlorobenzene		<10.0	µg/L	1
1,1,1,2-Tetrachloroethane		<10.0	µg/L	1
Ethylbenzene		<10.0	µg/L	1
m,p-Xylene		<10.0	µg/L	1
Bromoform		<10.0	µg/L	1
Styrene		<10.0	µg/L	1
o-Xylene		<10.0	µg/L	1
1,1,2,2-Tetrachloroethane		<10.0	µg/L	1
2-Chlorotoluene		<10.0	µg/L	1
1,2,3-Trichloropropane		<10.0	µg/L	1
Isopropylbenzene		<10.0	µg/L	1
Bromobenzene		<10.0	µg/L	1
n-Propylbenzene		<10.0	µg/L	1
1,3,5-Trimethylbenzene		<10.0	µg/L	1
tert-Butylbenzene		<10.0	µg/L	1
1,2,4-Trimethylbenzene		<10.0	µg/L	1
1,4-Dichlorobenzene (para)		<10.0	µg/L	1
sec-Butylbenzene		<10.0	µg/L	1
1,3-Dichlorobenzene (meta)		<10.0	µg/L	1
p-Isopropyltoluene		<10.0	µg/L	1
4-Chlorotoluene		<10.0	µg/L	1
1,2-Dichlorobenzene (ortho)		<10.0	µg/L	1
n-Butylbenzene	B	<10.0	µg/L	1
1,2-Dibromo-3-chloropropane		<50.0	µg/L	5
1,2,3-Trichlorobenzene		<50.0	µg/L	5
1,2,4-Trichlorobenzene		<50.0	µg/L	5
Naphthalene		<50.0	µg/L	5
Hexachlorobutadiene		<50.0	µg/L	5