

Received 09/24/15 - TRB
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Synergy Environmental Lab, INC.

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Report Date 08-Oct-15

Project Name NEWTON PIT Invoice # E29681
Project # 60135471
Lab Code 5029681A
Sample ID DRUMS (3)
Sample Matrix Soil
Sample Date 9/16/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.6	%			1	5021		9/17/2015	MDK	1
Organic										
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		9/25/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		9/25/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		9/25/2015	ESC	1
PCB-1242	1.05	mg/kg	0.032	0.17	10	EPA 8082A		9/28/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		9/25/2015	ESC	1
PCB-1254	0.941	mg/kg	0.047	0.17	10	EPA 8082A		8/15/1992	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		9/25/2015	ESC	1
VOC's										
Benzene	< 0.16	mg/kg	0.16	0.49	10	8260B		9/23/2015	CJR	1
Bromobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/23/2015	CJR	1
Bromodichloromethane	< 0.15	mg/kg	0.15	0.48	10	8260B		9/23/2015	CJR	1
Bromoform	< 0.23	mg/kg	0.23	0.73	10	8260B		9/23/2015	CJR	1
tert-Butylbenzene	< 0.35	mg/kg	0.35	1.1	10	8260B		9/23/2015	CJR	1
sec-Butylbenzene	2.82	mg/kg	0.36	1.1	10	8260B		9/23/2015	CJR	1
n-Butylbenzene	12.3	mg/kg	0.86	2.7	10	8260B		9/23/2015	CJR	1
Carbon Tetrachloride	< 0.21	mg/kg	0.21	0.67	10	8260B		9/23/2015	CJR	1
Chlorobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/23/2015	CJR	1
Chloroethane	< 0.45	mg/kg	0.45	1.4	10	8260B		9/23/2015	CJR	1
Chloroform	< 0.26	mg/kg	0.26	0.81	10	8260B		9/23/2015	CJR	1
Chloromethane	< 2.5	mg/kg	2.5	7.8	10	8260B		9/23/2015	CJR	1
2-Chlorotoluene	< 0.29	mg/kg	0.29	0.93	10	8260B		9/23/2015	CJR	1
4-Chlorotoluene	< 0.32	mg/kg	0.32	1	10	8260B		9/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.78	mg/kg	0.78	2.5	10	8260B		9/23/2015	CJR	1
Dibromochloromethane	< 0.31	mg/kg	0.31	0.98	10	8260B		9/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.3	mg/kg	0.3	0.96	10	8260B		9/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.3	mg/kg	0.3	0.97	10	8260B		9/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/23/2015	CJR	1
Dichlorodifluoromethane	< 0.43	mg/kg	0.43	1.4	10	8260B		9/23/2015	CJR	1

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1,2-Dichloroethane	< 0.3	mg/kg	0.3	0.96	10	8260B		9/23/2015	CJR	1
1,1-Dichloroethane	< 0.25	mg/kg	0.25	0.79	10	8260B		9/23/2015	CJR	1
1,1-Dichloroethene	< 0.29	mg/kg	0.29	0.93	10	8260B		9/23/2015	CJR	1
cis-1,2-Dichloroethene	18.7	mg/kg	0.21	0.68	10	8260B		9/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.24	mg/kg	0.24	0.76	10	8260B		9/23/2015	CJR	1
1,2-Dichloropropane	< 0.25	mg/kg	0.25	0.78	10	8260B		9/23/2015	CJR	1
2,2-Dichloropropane	< 1	mg/kg	1	3.3	10	8260B		9/23/2015	CJR	1
1,3-Dichloropropane	< 0.31	mg/kg	0.31	0.97	10	8260B		9/23/2015	CJR	1
Di-isopropyl ether	< 0.12	mg/kg	0.12	0.4	10	8260B		9/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.35	mg/kg	0.35	1.1	10	8260B		9/23/2015	CJR	1
Ethylbenzene	19.9	mg/kg	0.27	0.86	10	8260B		9/23/2015	CJR	1
Hexachlorobutadiene	< 1.1	mg/kg	1.1	3.6	10	8260B		9/23/2015	CJR	1
Isopropylbenzene	2.7	mg/kg	0.37	1.2	10	8260B		9/23/2015	CJR	1
p-Isopropyltoluene	2.18	mg/kg	0.56	1.8	10	8260B		9/23/2015	CJR	1
Methylene chloride	< 2.2	mg/kg	2.2	7	10	8260B		9/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.25	0.78	10	8260B		9/23/2015	CJR	1
Naphthalene	20	mg/kg	0.87	2.8	10	8260B		9/23/2015	CJR	1
n-Propylbenzene	7.0	mg/kg	0.35	1.1	10	8260B		9/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.13	mg/kg	0.13	0.4	10	8260B		9/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.29	mg/kg	0.29	0.93	10	8260B		9/23/2015	CJR	1
Tetrachloroethene	< 0.54	mg/kg	0.54	1.7	10	8260B		9/23/2015	CJR	1
Toluene	5.5	mg/kg	0.31	0.99	10	8260B		9/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.85	mg/kg	0.85	2.7	10	8260B		9/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 1.2	mg/kg	1.2	3.8	10	8260B		9/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.4	mg/kg	0.4	1.3	10	8260B		9/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.33	mg/kg	0.33	1.1	10	8260B		9/23/2015	CJR	1
Trichloroethene (TCE)	2.08	mg/kg	0.42	1.3	10	8260B		9/23/2015	CJR	1
Trichlorofluoromethane	< 0.6	mg/kg	0.6	1.9	10	8260B		9/23/2015	CJR	1
1,2,4-Trimethylbenzene	73	mg/kg	0.78	2.5	10	8260B		9/23/2015	CJR	1
1,3,5-Trimethylbenzene	20.8	mg/kg	0.89	2.8	10	8260B		9/23/2015	CJR	1
Vinyl Chloride	< 0.1	mg/kg	0.1	0.31	10	8260B		9/23/2015	CJR	1
m&p-Xylene	123	mg/kg	0.7	2.2	10	8260B		9/23/2015	CJR	1
o-Xylene	45	mg/kg	0.29	0.92	10	8260B		9/23/2015	CJR	1
SUR - Toluene-d8	101	Rec %			10	8260B		9/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			10	8260B		9/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			10	8260B		9/23/2015	CJR	1
SUR - Dibromofluoromethane	100	Rec %			10	8260B		9/23/2015	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code Comment

1 Laboratory QC within limits.

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

