

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

September 08, 2009

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - B. Johnson 11, 12-11

Enclosed are the results of analyses for samples received by Summit Scientific on 09/03/09 14:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to be 'LS' followed by a long horizontal stroke.

Logan Shrewsbury For Ben Shrewsbury
President / Laboratory Director

LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/08/09 15:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW01	R909023-01	Water	09/03/09 11:00	09/03/09 14:25

Summit Scientific 2909023

S₂
741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-277-9531 Fax

Page of

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

Project Manager: John Peterson

Project Manager: John Peterson

Civ/State/Zip: Arvada, CO 80003

E-Mail: jpeterson@ltenv.com

phone: (303) 433-9788

Project Name: B. Johnson 11/2/2-11

Sample Name: Asheville

Project Number: PD09021

[illegible]

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/08/09 15:00

GW01
R909023-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/03/09 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	2900	20	ug/l	20	9090409	09/04/09	09/05/09	EPA 8260B	
Toluene	1400	10	"	10	"	"	"	"	
Ethylbenzene	300	10	"	"	"	"	"	"	
Xylenes (total)	3000	10	"	"	"	"	"	"	

Date Sampled: **09/03/09 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	74.3-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		109 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	83.5-115		"	"	"	"	

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/08/09 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9090409 - EPA 5030 Water MS

Blank (9090409-BLK1)

Prepared: 09/04/09 Analyzed: 09/05/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.3	106	74.3-129				
Surrogate: Toluene-d8	13.4		"	13.3	101	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.5	83.5-115				

LCS (9090409-BS1)

Prepared: 09/04/09 Analyzed: 09/05/09

Benzene	23.3	1.0	ug/l	33.3	69.9	70-114			8.14	
Toluene	25.3	1.0	"	33.3	76.0	72.7-116			7.88	
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	74.3-129				
Surrogate: Toluene-d8	12.1		"	13.3	90.5	87.7-110				
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3	88.2	83.5-115				

LCS Dup (9090409-BSD1)

Prepared: 09/04/09 Analyzed: 09/05/09

Benzene	22.9	1.0	ug/l	33.3	68.6	70-114	1.86		8.14	
Toluene	24.7	1.0	"	33.3	74.1	72.7-116	2.56		7.88	
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.3	109	74.3-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.2	87.7-110				
Surrogate: 4-Bromofluorobenzene	11.9		"	13.3	89.0	83.5-115				

Matrix Spike (9090409-MS1)

Source: R909025-01

Prepared: 09/04/09 Analyzed: 09/05/09

Benzene	22.6	1.0	ug/l	33.3	ND	67.8	66.8-117		17.8	
Toluene	24.5	1.0	"	33.3	ND	73.6	71.5-117		14.4	
Surrogate: 1,2-Dichloroethane-d4	15.1		"	13.3		113	74.3-129			
Surrogate: Toluene-d8	12.2		"	13.3		91.4	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.1	83.5-115			

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/08/09 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9090409 - EPA 5030 Water MS

Matrix Spike Dup (9090409-MSD1)		Source: R909025-01			Prepared: 09/04/09		Analyzed: 09/05/09			
Benzene	22.2	1.0	ug/l	33.3	ND	66.7	66.8-117	1.56	17.8	
Toluene	25.5	1.0	"	33.3	ND	76.5	71.5-117	3.88	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.3		109	74.3-129			
Surrogate: Toluene-d8	12.3		"	13.3		92.2	87.7-110			
Surrogate: 4-Bromofluorobenzene	11.3		"	13.3		84.5	83.5-115			

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/08/09 15:00

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

September 10, 2009

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - B. Johnson 11, 12-11

Enclosed are the results of analyses for samples received by Summit Scientific on 09/09/09 10:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to be 'LS' followed by a long horizontal stroke.

Logan Shrewsbury For Ben Shrewsbury
President / Laboratory Director



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@4.5'	R909040-01	Soil	09/08/09 15:41	09/09/09 10:40
S01@4'	R909040-02	Soil	09/08/09 15:31	09/09/09 10:40
E01@3.5'	R909040-03	Soil	09/08/09 15:29	09/09/09 10:40
W01@4'	R909040-04	Soil	09/08/09 15:39	09/09/09 10:40
SWS01	R909040-05	Water	09/08/09 00:00	09/09/09 10:40
SWS02	R909040-06	Water	09/08/09 00:00	09/09/09 10:40

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

Summit Scientific
2909040

52

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-277-9531 Fax

Page 1 of 1

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: ATD Asher

1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325</
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Project Manager:

E-Mail:

Project Name:

Project Number:

John Peterson

ipeterson@lts

B. Johns

900000

1

[illegible]

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

N01@4.5'
R909040-01 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/08/09 15:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9090906	09/09/09	09/10/09	8015 DRO	

Date Sampled: **09/08/09 15:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.4 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 15:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.010	mg/kg	2	9090905	09/09/09	09/09/09	EPA 8260B	
Toluene	ND	0.010	"	"	"	"	"	"	
Ethylbenzene	ND	0.010	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/08/09 15:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.4 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		95.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	85.3-109		"	"	"	"	

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

S01@4'
R909040-02 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/08/09 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9090906	09/09/09	09/10/09	8015 DRO	

Date Sampled: **09/08/09 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.010	mg/kg	2	9090905	09/09/09	09/10/09	EPA 8260B	
Toluene	ND	0.010	"	"	"	"	"	"	
Ethylbenzene	ND	0.010	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/08/09 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	85.3-109		"	"	"	"	

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

E01@3.5'
R909040-03 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/08/09 15:29**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9090906	09/09/09	09/10/09	8015 DRO	

Date Sampled: **09/08/09 15:29**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 15:29**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0056	0.0050	mg/kg	1	9090905	09/09/09	09/10/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/08/09 15:29**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	85.3-109		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

W01@4'
R909040-04 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/08/09 15:39**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9090906	09/09/09	09/09/09	8015 DRO	

Date Sampled: **09/08/09 15:39**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 15:39**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9090905	09/09/09	09/09/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **09/08/09 15:39**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	85.3-109		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

SWS01
R909040-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	9090903	09/09/09	09/09/09	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/09 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		111 %		74.3-129		"	"	"	"	
Surrogate: Toluene-d8		104 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %		83.5-115		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

SWS02
R909040-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/08/09 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	9090903	09/09/09	09/09/09	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/09 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		106 %		74.3-129		"	"	"	"	
Surrogate: Toluene-d8		106 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %		83.5-115		"	"	"	"	

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

Total Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9090906 - EPA 3550A

Blank (9090906-BLK1)

Prepared: 09/09/09 Analyzed: 09/10/09

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.5 " 12.5 99.9 77.7-123

LCS (9090906-BS1)

Prepared: 09/09/09 Analyzed: 09/10/09

C10-C28 (DRO) 516 50 mg/kg 500 103 83.3-127 15

LCS Dup (9090906-BSD1)

Prepared: 09/09/09 Analyzed: 09/10/09

C10-C28 (DRO) 514 50 mg/kg 500 103 83.3-127 0.199 15

Matrix Spike (9090906-MS1)

Source: R909040-01

Prepared: 09/09/09 Analyzed: 09/10/09

C10-C28 (DRO) 518 50 mg/kg 500 ND 104 75.8-126 13.6

Matrix Spike Dup (9090906-MSD1)

Source: R909040-01

Prepared: 09/09/09 Analyzed: 09/10/09

C10-C28 (DRO) 501 50 mg/kg 500 ND 100 75.8-126 3.22 13.6

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11
Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9090903 - EPA 5030 Water MS

Blank (9090903-BLK1)

Prepared & Analyzed: 09/09/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	104	74.3-129				
Surrogate: Toluene-d8	14.6		"	13.3	110	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3	95.0	83.5-115				

LCS (9090903-BS1)

Prepared & Analyzed: 09/09/09

Benzene	27.0	1.0	ug/l	33.3	81.1	70-114		8.14		
Toluene	31.4	1.0	"	33.3	94.2	72.7-116		7.88		
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	104	74.3-129				
Surrogate: Toluene-d8	13.5		"	13.3	101	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3	89.9	83.5-115				

LCS Dup (9090903-BSD1)

Prepared & Analyzed: 09/09/09

Benzene	28.0	1.0	ug/l	33.3	84.0	70-114	3.53	8.14		
Toluene	30.7	1.0	"	33.3	92.0	72.7-116	2.35	7.88		
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.3	109	74.3-129				
Surrogate: Toluene-d8	14.3		"	13.3	107	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3	94.3	83.5-115				

Batch 9090905 - EPA 5030 Soil MS

Blank (9090905-BLK1)

Prepared & Analyzed: 09/09/09

Benzene	ND	0.0050	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400	96.7	77.3-121				
Surrogate: Toluene-d8	0.0397		"	0.0400	99.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400	94.2	85.3-109				

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9090905 - EPA 5030 Soil MS

LCS (9090905-BS1)

Prepared & Analyzed: 09/09/09

Benzene	0.0861	0.0050	mg/kg	0.100		86.1	70-114		8.14	
Toluene	0.0966	0.0050	"	0.100		96.6	72.7-116		7.88	
Surrogate: 1,2-Dichloroethane-d4	0.0376		"	0.0400		94.1	77.3-121			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0372		"	0.0400		93.1	85.3-109			

LCS Dup (9090905-BSD1)

Prepared & Analyzed: 09/09/09

Benzene	0.0874	0.0050	mg/kg	0.100		87.4	70-114	1.52	8.14	
Toluene	0.0982	0.0050	"	0.100		98.2	72.7-116	1.60	7.88	
Surrogate: 1,2-Dichloroethane-d4	0.0375		"	0.0400		93.8	77.3-121			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.4	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0368		"	0.0400		92.1	85.3-109			

Matrix Spike (9090905-MS1)

Source: R909040-01

Prepared & Analyzed: 09/09/09

Benzene	0.111	0.0050	mg/kg	0.100	ND	111	66.8-117		17.8	
Toluene	0.0991	0.0050	"	0.100	ND	99.1	71.5-117		14.4	
Surrogate: 1,2-Dichloroethane-d4	0.0428		"	0.0400		107	77.3-121			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	85.3-109			

Matrix Spike Dup (9090905-MSD1)

Source: R909040-01

Prepared & Analyzed: 09/09/09

Benzene	0.115	0.0050	mg/kg	0.100	ND	115	66.8-117	3.44	17.8	
Toluene	0.102	0.0050	"	0.100	ND	102	71.5-117	2.98	14.4	
Surrogate: 1,2-Dichloroethane-d4	0.0553		"	0.0400		138	77.3-121			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.6	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	85.3-109			

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
09/10/09 15:10

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

A handwritten signature in black ink, appearing to be 'JP' or similar, with a long horizontal stroke extending to the right.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

December 10, 2009

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - B. Johnson 11, 12-11

Enclosed are the results of analyses for samples received by Summit Scientific on 12/04/09 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to be 'PS' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R912022-01	Water	12/03/09 14:30	12/04/09 16:30
MW02	R912022-02	Water	12/03/09 14:45	12/04/09 16:30
MW03	R912022-03	Water	12/03/09 15:00	12/04/09 16:30

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

Summit Scientific
S₂ 2/9/2022

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-277-9531 Fax

Page of

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

phone: (303) 433-9788

Sampler Name: KACB

Supplier Name: FLC

Project Manager: John Peterson

E-Mail: ipeterson@ltnv.com

Project Name: B. Johnson 11/12-11

Project Number: P009021

[illegible]

www.s2scientific.com

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

MW01
R912022-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/03/09 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.8 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-115		"	"	"	"	

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

MW02
R912022-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/03/09 14:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 14:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		102 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	83.5-115		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

MW03
R912022-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/03/09 15:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 15:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	83.5-115		"	"	"	"	

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11
Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9120702 - EPA 5030 Water MS

Blank (9120702-BLK1)

Prepared & Analyzed: 12/07/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		96.8	74.3-129			
Surrogate: Toluene-d8	13.3		"	13.3		100	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		102	83.5-115			

LCS (9120702-BS1)

Prepared & Analyzed: 12/07/09

Benzene	35.2	1.0	ug/l	33.3		106	70-114		8.14	
Toluene	35.8	1.0	"	33.3		107	72.7-116		7.88	
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3		99.8	74.3-129			
Surrogate: Toluene-d8	13.3		"	13.3		100	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	83.5-115			

LCS Dup (9120702-BSD1)

Prepared & Analyzed: 12/07/09

Benzene	35.6	1.0	ug/l	33.3		107	70-114	1.05	8.14	
Toluene	35.0	1.0	"	33.3		105	72.7-116	2.12	7.88	
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		96.5	74.3-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.6	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115			

Matrix Spike (9120702-MS1)

Source: R912014-01

Prepared & Analyzed: 12/07/09

Benzene	38.0	1.0	ug/l	33.3	ND	114	66.8-117		17.8	
Toluene	37.6	1.0	"	33.3	ND	113	71.5-117		14.4	
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3		107	74.3-129			
Surrogate: Toluene-d8	13.5		"	13.3		102	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	83.5-115			

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9120702 - EPA 5030 Water MS

Matrix Spike Dup (9120702-MSD1)		Source: R912014-01			Prepared & Analyzed: 12/07/09					
Benzene	34.4	1.0	ug/l	33.3	ND	103	66.8-117	9.92	17.8	
Toluene	34.4	1.0	"	33.3	ND	103	71.5-117	9.01	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.4		"	13.3		123	74.3-129			
Surrogate: Toluene-d8	13.7		"	13.3		102	87.7-110			
Surrogate: 4-Bromofluorobenzene	14.1		"	13.3		106	83.5-115			

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - B. Johnson 11, 12-11

Project Number: PDC 09021
Project Manager: John Peterson

Reported:
12/10/09 10:40

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.