

Appendix 2. Results for heavy metals and volatile organic compounds from nested wells around Shell Lake. (United States Department of Interior, Geological Survey, MULTIPLE STATION ANALYSES - SIR 2013–5181)

[Abbreviations: flt or fltrd, filtered; LSD, land-surface datum; mg/L, milligrams per liter; µg/L, micrograms per liter; unflt or unfltrd, unfiltered. Numbers in parentheses are USGS laboratory parameter codes]

Station number	Site ID	Record number	Date	Time	Altitude of land surface, feet (72000)	Depth of well, feet below LSD (72008)	Calcium water, fltrd, µg/L (01025)	Chromium water, fltrd, µg/L (01030)	Copper, water, fltrd, µg/L (01040)	Lead water, fltrd, µg/L (01049)	Nickel water, fltrd, µg/L (01065)	Zinc, water, fltrd, µg/L (01090)	Arsenic, water, fltrd, µg/L (01000)
454458091525701	10S	702865	07-24-2007	1815	1221	12.00	< 0.05	M	< 2	< 1	< 1	M	< 1.0
454323091530501	20S	802196	07-26-2007	0700	1223	10.00	--	--	--	--	--	--	--
454301091542901	30S	905596	07-25-2007	0945	1221	11.00	--	--	--	--	--	--	--
454447091545901	40D	702868	07-25-2007	1630	1222	9.00	< 0.05	< 1	< 2	< 1	< 1	M	< 1.0

Station number	Site ID	Record number	Date	Time	1, 2, 3-Trichloropropane, water, unflt'd µg/L (77443)	Dibromochloro-propane, water, unflt'd µg/L (82625)	1, 2-Dibromoethane, water, unflt'd µg/L (77651)	1, 2-Dichloroethane, water, unflt'd µg/L (32103)	1, 2-Dichloropropane, water, unflt'd µg/L (34541)	1, 3-Dichloropropane, water, unflt'd µg/L (77173)	1, 4-Dichlorobenzene, water, unflt'd µg/L (34571)	Carbon disulfide, water, unfltrd, µg/L (77041)	cis-1, 3-Dichloropropene, water, unflt'd µg/L (34704)	trans-1, 3-Dichloropropene, water, unflt'd µg/L (34699)	1, 1, 1, 2-Tetrachloroethane, water, unflt'd µg/L (77562)	1, 1, 1-Trichloroethane, water, unflt'd µg/L (34506)
454458091525701	10S	702865	07-24-2007	1815	<0.15	<0.20	<0.1	<0.15	<0.15	<0.15	<0.15	<0.1	<0.15	<0.15	<0.20	<0.15
454323091530501	20S	802196	07-26-2007	0700	<.15	<.20	<.1	<.15	<.15	<.15	<.15	<1.7	<.15	<.15	<.20	<.15
454301091542901	30S	905596	07-25-2007	0945	<.15	<.20	<.1	<.15	<.15	<.15	<.15	<.1	<.15	<.15	<.20	<.15
454447091545901	40D	702868	07-25-2007	1630	<.15	<.20	<.1	<.15	<.15	<.15	<.15	<.1	<.15	<.15	<.20	<.15

Station number	Site ID	Record number	Date	Time	1, 1, 2, 2-Tetrachloroethane, water, unflt'd µg/L (34516)	CFC-113, water, unflt'd µg/L (77652)	1, 1, 2-Trichloroethane, water, unflt'd µg/L (34511)	1, 1-Dichloroethane, water, unflt'd µg/L (34496)	1, 1-Dichloroethene, water, unflt'd µg/L (34501)	1, 1-Dichloropropene, water, unflt'd µg/L (77168)	1, 2, 3-Trichlorobenzene, water, unflt'd µg/L (77613)	1, 2, 4-Trichlorobenzene, water, unfltrd, µg/L (34551)	1, 2, 4-Trimethylbenzene, water, unflt'd µg/L (77222)	1, 2-Dichlorobenzene, water, unflt'd µg/L (34536)	1, 3, 5-Trimethylbenzene, water, unflt'd µg/L (77226)	1, 3-Dichlorobenzene, water, unflt'd µg/L (34566)
454458091525701	10S	702865	07-24-2007	1815	<0.15	<0.1	<0.15	<0.15	<0.15	<0.15	<0.1	<0.15	<0.1	<0.15	<0.1	<0.15
454323091530501	20S	802196	07-26-2007	0700	<.15	<.1	<.15	<.15	<.15	<.15	<.1	<.15	<.1	<.15	<.1	<.15
454301091542901	30S	905596	07-25-2007	0945	<.15	<.1	<.15	<.15	<.15	<.15	<.1	<.15	<.1	<.15	<.1	<.15
454447091545901	40D	702868	07-25-2007	1630	<.15	<.1	<.15	<.15	<.15	<.15	<.1	<.15	<.1	<.15	<.1	<.15

Station number	Site ID	Record number	Date	Time	2, 2-Dichloropropane, water, unflt'd µg/L (77170)	2-Chlorotoluene, water, unflt'd µg/L (77275)	4-Chlorotoluene, water, unflt'd µg/L (77277)	4-Isopropyltoluene, water, unflt'd µg/L (77356)	Acetone, water, unflt'd µg/L (81552)	Benzene, water, unflt'd µg/L (34030)	Bromobenzene, water, unflt'd µg/L (81555)	Bromo-chloromethane, water, unfltrd, µg/L (77297)	Bromo-dichloromethane, water, unflt'd µg/L (32101)	Bromoethene, water, unflt'd µg/L (50002)	Chlorobenzene, water, unflt'd µg/L (34301)	Chloroethane, water, unflt'd µg/L (34311)
454458091525701	10S	702865	07-24-2007	1815	<0.15	<0.15	<0.15	<0.1	<10	<0.15	<0.1	<0.1	<0.15	<0.1	<0.15	<0.15
454323091530501	20S	802196	07-26-2007	0700	<.15	<.15	<.15	<.1	<10	<.15	<.1	<.1	<.15	<.1	<.15	<.15
454301091542901	30S	905596	07-25-2007	0945	<.15	<.15	<.15	<.1	<10	<.15	<.1	<.1	<.15	<.1	<.15	<.15
454447091545901	40D	702868	07-25-2007	1630	<.15	<.15	<.15	<.1	<10	<.15	<.1	<.1	<.15	<.1	<.15	<.15

Remark codes used in this table:
< less than
M presence verified but not quantified

Appendix 2. Results for heavy metals and volatile organic compounds from nested wells around Shell Lake.—Continued (United States Department of Interior, Geological Survey, MULTIPLE STATION ANALYSES - SIR 2013–5181)

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Station number	Site ID	Record number	Date	Time	Chloromethane water, unflt µg/L (34418)	cis-1, 2- Dichloroethene, water, unflt µg/L (77093)	Dibromo- chloromethane, water, unflt µg/L (32105)	Dibromomethane, water, unflt µg/L (77596)	Dichloro- difluoromethane, water, unflt µg/L (34668)	Dichloromethane, water, unflt µg/L (34423)	Diisopropyl ether, water, unflt µg/L (81577)	Ethyl methyl ketone, water, unfltrd, µg/L (81595)	Ethylbenzene, water, unflt µg/L (34371)	Hexachloro- butadiene, water, unflt µg/L (39702)	Hexane, water, unflt µg/L (81590)	Isobutyl methyl ketone, water, unflt µg/L (78133)
454458091525701	10S	702865	07-24-2007	1815	<0.15	<0.1	<0.15	<0.1	<0.20	<0.15	<0.15	<10	<0.15	<0.15	<0.15	<10
454323091530501	20S	802196	07-26-2007	0700	<.15	<.1	<.15	<.1	<.20	<.15	<.15	<10	<.15	<.15	<.15	<10
454301091542901	30S	905596	07-25-2007	0945	<.15	<.1	<.15	<.1	<.20	<.15	<.15	<10	<.15	<.15	<.15	<10
454447091545901	40D	702868	07-25-2007	1630	<.15	<.1	<.15	<.1	<.20	<.15	<.15	<10	<.15	<.15	<.15	<10

Station number	Site ID	Record number	Date	Time	Isopropylbenzene, water, unflt µg/L (77223)	Methyl t-butyl ether, water, unflt µg/L (78032)	meta+ paraXylene, water, unflt µg/L (85795)	Naphthalene, water, unflt µg/L (34696)	n-Butyl benzene, water, unflt µg/L (77342)	n-Propylbenzene, water, unflt µg/L (77224)	o-Xylene, water, unflt µg/L (77135)	sec- Butylbenzene, water, unfltrd, µg/L (77350)	Styrene, water, unflt µg/L (77128)	tert- Butylbenzene, water, unflt µg/L (77353)	Tetrachloroethene, water, unflt µg/L (34475)	Tetrachloromethane, water, unflt µg/L (32102)
454458091525701	10S	702865	07-24-2007	1815	<0.1	<0.1	<0.15	<0.15	<0.1	<0.1	<0.15	<0.1	<0.15	<0.1	<0.15	<0.15
454323091530501	20S	802196	07-26-2007	0700	<.1	<.1	<.15	<.15	<.1	<.1	<.15	<.1	<.15	<.1	<.15	<.15
454301091542901	30S	905596	07-25-2007	0945	<.1	<.1	<.15	<.15	<.1	<.1	<.15	<.1	<.15	<.1	<.15	<.15
454447091545901	40D	702868	07-25-2007	1630	<.1	<.1	<.15	<.15	<.1	<.1	<.15	<.1	<.15	<.1	<.15	<.15

Station number	Site ID	Record number	Date	Time	Tetrahydrofuran, water, unflt µg/L (81607)	Toluene, water, unflt µg/L (34010)	trans-1, 2- Dichloroethene, water, unflt µg/L (34546)	Tribromomethane, water, unflt µg/L (32104)	Trichloroethene, water, unflt µg/L (39180)	Trichloro- fluoromethane, water, unflt µg/L (34488)	Trichloromethane, water, unflt µg/L (32106)	Vinyl chloride, water, unfltrd, µg/L (39175)
454458091525701	10S	702865	07-24-2007	1815	<10	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20
454323091530501	20S	802196	07-26-2007	0700	<10	<.15	<.15	<.15	<.15	<.15	<.15	<.20
454301091542901	30S	905596	07-25-2007	0945	<10	<.15	<.15	<.15	<.15	<.15	<.15	<.20
454447091545901	40D	702868	07-25-2007	1630	<10	<.15	<.15	<.15	<.15	<.15	<.15	<.20

Remark codes used in this table:
 < less than
 M presence verified but not quantified