Vulcan Materials Company

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February 7, 1983

W. R. Bryson
Bureau of Environmental & Oil Field Geology
Kansas Department of Health & Environment
Forbes Field
Topeka, Kansas 66620

Dear Bill:

Attached is the 1982 Groundwater report. If you have any questions, please call me.

Very truly yours,

Gary T. Mason

Gary T. Mason
Environmental Coordinator

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Attachment

R00414392
RCRA RECORDS CENTER

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1982 GROUNDWATER MANAGEMENT STATUS

This report is an up-to-date summary of Vulcan Chemical Company's groundwater management program. Data in this summary includes prior years' analytical results which have been reported in previous annual reports.

As in previous years, Vulcan continues to take an aggressive position in this management plan toward expanding "state of the art" techniques to evaluate and improve the program. This report includes a discussion of analytical results, static groundwater levels, 1982 interceptor pumping performance, and a brief discussion of some results from these new techniques as well as future plans.

ANALYTICAL RESULTS

In 1982, 37 wells were included in Vulcan's sampling program. Sixty-seven (67) samples were drawn for inorganic and TOC analyses and twenty-six (26) samples were drawn for detailed organic analyses. The inorganic and TOC samples were drawn during the seven months of April, May, June, August, October, November, and December primarily to ease laboratory burden. Samples taken for detailed organic work were taken during the month of October. A reduction was made in the number of samples drawn in 1982 from that in 1981. This reduction was made based on an effort to maximize information while minimizing cost.

Attached are the analytical results for well samples taken through 1982. Also included is a copy of the computer printout which identifies if compounds are significantly increasing or decreasing in concentration over time. In no case were any trends identified using the students 't' distribution for statistical significance. The student 't' test utilized a confidence level of 90%.

Some minor analytical inconsistencies have been noticed in the 47 samples drawn in October, 1982. Of the 47 samples, 26 were drawn for detailed organic analyses and 21 for inorganic and TOC analyses. Increases of hexachloro compound results were reported in about eight of twenty-six samples. Of these eight, only one sample (13MW) appears to be out of the analytical accuracy at the ppb range. This well will be resampled since contamination is suspected.

TOC results were elevated in some of the samples which is thought to have occurred due to inordinately high sludge content in the water when sampled. Future work will include investigation of improved sampling procedures and increased analytical quality assurance.

Although no statistically significant trends were found in the analytical data, several comments can be made with visual inspection of the data.

1. The area south and southwest of the plant boundary (monitored by wells 7S (BS & AD), 9S (BS & AD), and 12S (BS & AD) shows an overall improvement in hardness and chloride levels. This improvement is particularly noticeable in the upper sand (S-3). The data would lend support that contamination is not moving in this direction and that the groundwater is improving most likely by dilution.

2. North, northeast, and east of the plant boundary (monitored by 4S (BS & AD), 5S (BS & AD), 6S (BS & AD), 8S (BS & AD), 10S (BS & AD), and 11S (BS & AD) results show virtually no change although 11S (BS & AD) may be improving. Several samples have also been taken from private wells in the area which correspond with the results seen in our monitor wells.

3. Southeast of the plant boundary, in the direction of groundwater flow monitor wells 2S (BS & AD), 3S (BS & AD), and 13S (BS & AD) are used. This area is of particular interest since it would give the best indication of containment of contamination. Results from all but one well have remained stable. The exception is 2SAD located in the lower sand at the extreme southeast corner of the plant. Analytical results have fluctuated as much as 100% over several years. Few conclusions can be made from the limited data available. Further sampling will be necessary.

4. Within the plant boundary, the most significant data would be that from the four interceptor wells. Three of the four wells appear to show a moderate improvement in hardness and chloride levels over the years. Hardness and chloride levels are considered the best indicator of general groundwater quality changes since they are the most soluble and mobile within the sand strata. The interceptor well considered the exception is IW 32 since its results are more erratic even though the overall trend seen is toward improvement. Also, the interceptor wells located in the upper sands (IW 30, 31, and 32) have normalized at approximately 5100 and 11,500 parts hardness and chlorides, respectively. These results may indicate that contaminants have reached equilibrium within this aquifer although more study is necessary to determine the significance of this observation.

Approval has been received to install new monitor wells outside the perimeter of the plant boundaries. Some of these wells may be installed to the southeast (northeast quarter of Section 34). More information is desired toward determination of the boundary of contamination. Also, additional information on mobility of contaminants will also be realized. Installation of the monitor wells is scheduled for early summer.

PUMPING DATA

The present interceptor well system consists of IW 30, 31, and 32 pumping from the upper aquifer (S-2/S-3) and IW 29 pumping from the lower aquifer (S-1). During 1982 all wells were pumped consistently with a total pumpage of 58.5 million gallons. In the early months of 1982, limited deep well disposal capacity due to the loss of #6 Deep Well created a need to cut back pumping rates of the interceptor wells because of excessive rain and snow. With the installation of #9 Deep Well in July this problem was remedied. Pumping rates for the remainder of the year were above average for 1982.

During 1982 water conservation projects were initiated to help alleviate the periodic problem of limited deep well capacity. Several projects have been initiated which will potentially reduce water usage by 200 gal/min. Additional reductions are expected from projects to be initiated in 1983. By eliminating these wastewater sources, the necessity to cut back IW pumpage should be greatly reduced in the future.

As stated in previous annual reports, phase organics have been located at MW 27B. Several efforts from mid-summer to December to pump the monitor well failed. With the fabrication of a new pump in early December, MW 27B was continuously pumped. The well is screened between 77 and 83 feet and located near the northern boundary of the Vulcan plant. Flow from the well is estimated at 4.5 gal/min maximum. On January 21 the pumping was stopped to repair corrosion problems in the waste handling system. Upon completion of the repairs, pumping will continue. Organics recovered are injected into the incinerator for disposal.

1982 PROGRAM IMPROVEMENTS

Computer Model - In order to better understand and evaluate alternatives available to our past groundwater management program, Vulcan purchased a computer flow model from T. A. Prickett & Associates in early 1982. The program was received in March and final debugging completed in July. A great deal of work was required in Third Quarter 1982 sensitizing the model and determination of input parameters which would reflect existing field conditions.

The most critical input needed for the model was permeability data for the S-1 and S-2/S-3 aquifers. Pump tests were performed, similar to those conducted in 1981, to determine these permeabilities within the confines of the plant boundaries. Both slug tests and pumping tests were performed. Conclusions were similar to those made in 1981 in that the upper sands are 3-5 times more permeable than the lower sand. The pump tests also showed that there is no significant connection between the two aquifers in the plant vicinity because hard pumping from one aquifer had no effect on the other's level.

After application of the appropriate parameters to the computer model was completed, numerous runs were made to determine what, if any, changes are warranted to the groundwater management program. Conclusions were drawn, the two most important were:

1. Number 29 interceptor well is capable of maintaining an adequate cone of depression in the lower (S-1) sand strata. Pumping rates required are at or just slightly greater than those experienced in previous years.

2. The three upper (S-2/S-3) sand interceptor wells 30, 31, and 32 are marginal in their capability to maintain a cone of depression in that aquifer even at maximum design rates.

As a result of the computer flow model conclusions and field measurements a recommendation to install a fourth upper sand interceptor well and piping to #3 Basin was made and approved by Vulcan management. Permitting for this well is in progress and installlation is expected in Third Quarter 1983. Once installed the computer model will be used to evaluate its effectiveness.

Groundwater Flow Meter - In addition to the computer model and pumping tests, Vulcan has purchased a groundwater flow meter manufactured by KV and Associates. Final receipt of all equipment to use the flow meter occurred in January, 1983. This meter is designed to measure flow rates and flow direction in a well screen under extremely low flow conditions. Field work has been initiated although no results have been evaluated to date. Ultimately, this flow meter will be able to verify the computer model's predictions on direction of flow under various interceptor pumping conditions. This will be a valuable tool to determine optimum interceptor pumping rates necessary to maintain an effective cone of depression.

Groundwater Levels - Monitoring of groundwater levels was again conducted in 1982. Approximate groundwater level contours are given in the Appendix. In review of the contours, it is apparent that the lower aquifer (S-1) is contained as evidenced by the approximate 10 foot cone of depression within the plant boundary. The upper aquifer's (S-2/S-3) containment is marginal, however, as represented by an approximate 5 foot cone of depression.

A differential of approximately 4 feet existed between the S-1 and S-2/S-3 groundwater levels in October, 1982. This differential resulted from slightly higher pumping rates from IW 29 (S-1) compared to IW 30's (S-2/S-3). This situation should improve after installation of the fourth S-2/S13 pump is complete and operational.

IW 29 rates could have been decreased to balance static water levels, however, it was felt that maintenance of an adequate cone of depression in the lower sand (S-1) was more important.

))VULCAN MONITOR WELL REPORT((
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+ WELL: 2SAD SAND TYPE: S1 +
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	10/77	8/78	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81
CACO3,PPM	640.	1630.	980.	1170.	500.	350.	330.	570.	260.	980.
CHLORIDES,PPM	390.	2334.	1110.	1121.	233.	37.	178.	492.	61.	933.
TOC,PPM	3.	22.	16.	16.	2.	0.	13.	6.	10.	7.

	5/81	9/81	12/81	5/82	10/82	TREND
CACO3,PPM	902.	1300.	630.	740.	1400.	
CHLORIDES,PPM	799.	1432.	609.	792.	1829.	
TOC,PPM	11.	13.	9.	60.	40.	

	10/77	8/78	7/79	9/80	3/81	5/81	9/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.045	.029	.710	.020	.134	.250	.040	.150	.050	
HEXACHLORS,PPB	.7	3.7	.1	1.0	1.7	17.5	12.6	1.5	60.0	
CHLOROPHOL,PPM	.5	1.0	.2	.0	.2	.4	0.0	0.0	1.3	

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+ WELL: 3SAD SAND TYPE: S1 +
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	10/77	7/79	5/81	9/81	12/81	5/82	TREND
CACO3,PPM	210.	50.	190.	240.	290.	250.	
CHLORIDES,PPM	19.	12.	17.	40.	19.	19.	
TOC,PPM	0.	13.	2.	60.	9.	2.	

	10/77	7/79	5/81	12/81	TREND
CHLOROSOLS,PPM	0.000	.140	1.550	.047	
HEXACHLORS,PPB	54.1	1.2	3.6	1.8	
CHLOROPHOL,PPM	0.0	0.0	0.0	0.0	

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+ WELL: 5SAD SAND TYPE: S1 +
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	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	5/81	9/81
CACO3,PPM	820.	750.	760.	720.	750.	760.	1130.	840.	960.	810.
CHLORIDES,PPM	796.	275.	661.	696.	790.	737.	676.	723.	867.	781.
TOC,PPM	2.	0.	4.	0.	10.	11.	11.	1.	11.	9.

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	12/81	4/82	10/82	TREND
CACO3,PPM	740.	840.	696.	
CHLORIDES,PPM	633.	1008.	766.	
TOC,PPM	8.	4.	21.	

	10/77	7/79	9/80	3/81	5/81	9/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	2.660	.016	.075	.055	.062	.051	.020	
HEXACHLORS,PPB	1.3	.2	0.0	0.0	1.1	0.0	0.0	2.0	
CHLOROPHOL,PPM	0.0	.0	.0	0.0	0.0	0.0	0.0	.0	

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+ WELL: 6SAD SAND TYPE: S1 +
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	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	5/81	9/81
CACO3,PPM	250.	570.	200.	220.	240.	210.	330.	260.	300.	210.
CHLORIDES,PPM	27.	140.	20.	19.	21.	24.	23.	21.	21.	18.
TOC,PPM	0.	2.	10.	0.	6.	6.	7.	1.	14.	13.

	12/81	10/82	12/82	TREND
CACO3,PPM	270.	164.	160.	
CHLORIDES,PPM	19.	14.	27.	
TOC,PPM	9.	22.	4.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	4.920	.004	.046	.032	.251	.020	
HEXACHLORS,PPB	0.0	0.0	0.0	0.0	3.2	0.0	0.0	
CHLOROPHOL,PPM	0.0	0.0	.0	0.0	0.0	0.0	.0	

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+ WELL: 7BMW SAND TYPE: S1 +
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	10/77	7/79	9/79	5/80	7/80	9/80	5/82	10/82	TREND
CACO3,PPM	340.	210.	710.	1290.	1400.	1300.	650.	476.	
CHLORIDES,PPM	780.	652.	1074.	3121.	2492.	2329.	1944.	1770.	
TOC,PPM	18.	12.	6.	9.	4.	7.	7.	0.	

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	10/77	7/79	9/80	10/82	TREND
CHLOROSOLS,PPM	0.000	1.474	.008	.011	
HEXACHLORS,PPB	.2	3.3	1.2	0.0	
CHLOROPHOL,PPM	0.0	.0	.1	.0	

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+ WELL: 7SAD SAND TYPE: S1 +
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	10/77	7/79	9/79	5/80	7/80	9/80	5/81	9/81	12/81	10/82	TREND
CACO3,PPM	1900.	4700.	2000.	6460.	3800.	7100.	7080.	7000.	6370.	2600.	
CHLORIDES,PPM	2900.	4969.	9394.	7219.	4332.	8090.	8343.	7835.	7247.	3581.	
TOC,PPM	0.	34.	10.	31.	13.	37.	19.	0.	26.	37.	

	10/77	7/79	9/80	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	11.030	127.800	19.980	85.340	46.430	9.030	
HEXACHLORS,PPB	42.0	145.4	1.1	35.7	48.6	27.0	
CHLOROPHOL,PPM	0.0	0.0	.3	0.0	.0	.3	

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+ WELL: 11 MW SAND TYPE: S1 +
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	10/77	12/81	6/82	10/82	TREND
CACO3,PPM	250.	380.	400.	360.	
CHLORIDES,PPM	45.	215.	187.	270.	
TOC,PPM	2.	10.	10.	21.	

	10/77	12/81	10/82	TREND
CHLOROSOLS,PPM	31.040	1.891	1.090	
HEXACHLORS,PPB	0.0	.2	7.0	
CHLOROPHOL,PPM	48.6	.0	.1	

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+ WELL: 12SAD SAND TYPE: S1 +
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	10/77	8/78	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81
CACO3,PPM	1570.	1610.	550.	490.	420.	650.	410.	440.	360.	440.
CHLORIDES,PPM	1760.	2259.	480.	384.	244.	242.	232.	217.	193.	252.
TOC,PPM	8.	24.	13.	14.	2.	0.	17.	0.	7.	1.

	5/81	9/81	12/81	5/82	11/82	TREND
CACO3,PPM	357.	400.	3050.	420.	400.	
CHLORIDES,PPM	173.	254.	211.	285.	307.	
TOC,PPM	7.	24.	32.	4.	26.	

	10/77	8/78	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	1.170	1.730	1.410	.045	.257	.910	.113	.040	
HEXACHLORS,PPB	50.6	81.8	19.0	8.2	11.5	6.7	.8	7.0	
CHLOROPHOL,PPM	1.2	2.8	.2	.3	.1	.0	.2	0.0	

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+ WELL: 14 MW SAND TYPE: S1 +
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	10/77	7/79	5/81	9/81	12/81	6/82	10/82	TREND
CACO3,PPM	3580.	4000.	4500.	3100.	3500.	3200.	2400.	
CHLORIDES,PPM	4490.	4441.	4261.	4068.	4003.	3787.	3833.	
TOC,PPM	7.	10.	1.	4.	11.	6.	30.	

	10/77	7/79	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.004	3.534	5.800	1.190	.025	
HEXACHLORS,PPB	2.2	.6	10.0	.2	~~52.0~~ 52.0	
CHLOROPHOL,PPM	.8	.2	.9	1.1	2.7	

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+ WELL: 27AMW SAND TYPE: S1 +
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	10/77	8/78	7/79	9/79	7/80	9/80	5/81	12/81	5/82	10/82	TREND
CACO3,PPM	120.	270.	300.	350.	260.	510.	270.	220.	300.	380.	
CHLORIDES,PPM	60.	96.	116.	42.	47.	100.	18.	39.	33.	35.	
TOC,PPM	28.	4.	1.	8.	0.	0.	9.	8.	4.	21.	

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	10/77	8/78	7/79	9/80	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.650	.034	1.210	.034	.046	.081	.006	
HEXACHLORS,PPB	2958.4	103.1	164.3	72.5	9.2	2.2	2.0	
CHLOROPHOL,PPM	.0	0.0	.0	.7	0.0	6.5	0.0	

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+ WELL: 28 MW SAND TYPE: Si +
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	10/77	TREND
CACO3,PPM	550.	
CHLORIDES,PPM	500.	
TOC,PPM	4.	

	10/77	8/78	TREND
CHLOROSOLS,PPM	29.070	5.400	
HEXACHLORS,PPB	24.1	84.3	
CHLOROPHOL,PPM	.2	.1	

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+ WELL: 29 IW SAND TYPE: Si +
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	10/77	8/78	7/79	9/79	3/80	5/80	7/80	9/80	2/81	3/81
CACO3,PPM	330.	170.	2060.	2700.	2020.	2000.	3000.	2670.	1830.	1710.
CHLORIDES,PPM	240.	207.	4076.	3571.	3416.	3339.	3703.	3758.	3090.	2836.
TOC,PPM	0.	22.	20.	20.	7.	9.	9.	7.	2.	1.

	5/81	9/81	12/81	6/82	11/82	TREND
CACO3,PPM	1820.	1740.	1720.	1620.	1410.	
CHLORIDES,PPM	2994.	2886.	2786.	2606.	2613.	
TOC,PPM	12.	16.	1.	11.	7.	

	10/77	8/78	7/79	3/80	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.056	.307	40.360	4.780	2.580	1.560	11.600	5.081	8.900	
HEXACHLORS,PPB	49.8	4.2	73.5	2.5	92.5	9.1	14.0	2.9	127.0	
CHLOROPHOL,PPM	.0	0.0	.0	.5	.9	.2	.5	.7	6.0	

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+ WELL: 1SAD SAND TYPE: S2 +

	10/77	TREND
CACO3,PPM	9350.	
CHLORIDES,PPM	19400	
TOC,PPM	112.	

	10/77	TREND
CHLOROSOLS,PPM	.320	
HEXACHLORS,PPB	4.9	
CHLOROPHOL,PPM	15.1	

+ WELL: 8SAD SAND TYPE: S2 +

	10/77	7/79	9/79	5/80	7/80	9/80	9/81	12/81	4/82	TREND
CACO3,PPM	350.	1950.	1100.	650.	770.	830.	510.	640.	560.	
CHLORIDES,PPM	404.	1258.	543.	947.	1157.	575.	680.	566.	518.	
TOC,PPM	6.	22.	6.	8.	13.	11.	3.	8.	6.	

	10/77	7/79	9/80	12/81	TREND
CHLOROSOLS,PPM	0.000	1.320	.039	1.451	
HEXACHLORS,PPB	11.8	2.5	0.0	1.6	
CHLOROPHOL,PPM	.0	0.0	.0	0.0	

+ WELL: 19 MW SAND TYPE: S2 +

	10/77	7/79	9/79	7/80	9/80	12/81	10/82	TREND
CACO3,PPM	5600.	5800.	5600.	3556.	4600.	5900.	4900.	
CHLORIDES,PPM	15200	16359	16460	10016	13494	15669	4743.	
TOC,PPM	185.	360.	234.	43.	120.	158.	208.	

	10/77	8/78	7/79	9/80	12/81	10/82	TREND
CHLOROSOLS,PPM	.560	.071	36.240	.768	1.600	.510	
HEXACHLORS,PPB	48.6	118.3	13.1	.4	0.0	1400.0	
CHLOROPHOL,PPM	24.1	56.2	10.1	6.9	.6	2.8	

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+ WELL: 20 MW      SAND TYPE: S2 +
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	10/77	TREND
CACO3,PPM	180.	
CHLORIDES,PPM	325.	
TOC,PPM	0.	

	10/77	8/78	TREND
CHLOROSOLS,PPM	.170	.356	
HEXACHLORS,PPB	39.0	49.6	
CHLOROPHOL,PPM	.5	.7	

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+ WELL: 27BMW      SAND TYPE: S2 +
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	10/77	9/80	TREND
CACO3,PPM	4700.	3100.	
CHLORIDES,PPM	1200.	4426.	
TOC,PPM	181.	2.	

	10/77	8/78	9/80	TREND
CHLOROSOLS,PPM	4.860	.361	3.642	
HEXACHLORS,PPB	64260.0	5697.0	330.0	
CHLOROPHOL,PPM	11.2	1.0	1.5	

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+ WELL: 34 IW      SAND TYPE: S2 +
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	10/77	8/78	7/79	7/80	9/80	5/82	TREND
CACO3,PPM	9000.	8000.	8000.	6800.	6400.	7000.	
CHLORIDES,PPM	19500	18253	17547	15055	14162	15480	
TOC,PPM	0.	144.	104.	7.	90.	45.	

	10/77	8/78	7/79	9/80	TREND
CHLOROSOLS,PPM	2.590	.137	4.240	1.160	
HEXACHLORS,PPB	192.0	5.8	12.0	1.0	
CHLOROPHOL,PPM	14.6	22.4	.0	5.7	

>>VULCAN MONITOR WELL REPORT<<
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+ WELL: 1SBS SAND TYPE: S3 +
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	10/77	TREND
CACO3,PPM	9000.	
CHLORIDES,PPM	22400	
TOC,PPM	123.	

	10/77	TREND
CHLOROSOLS,PPM	.420	
HEXACHLORS,PPB	.1	
CHLOROPHOL,PPM	13.7	

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+ WELL: 2SBS SAND TYPE: S3 +
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	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	2160.	2540.	2470.	1900.	2650.	2460.	2375.	3100.	2000.	2142.
CHLORIDES,PPM	3010.	3650.	2161.	3354.	3106.	3401.	3276.	3308.	3036.	2976.
TOC,PPM	4.	7.	14.	6.	0.	17.	0.	14.	8.	10.

	9/81	12/81	5/82	8/82	10/82	12/82	TREND
CACO3,PPM	2030.	1820.	1380.	1550.	1800.	1600.	
CHLORIDES,PPM	2757.	2499.	1930.	2304.	1926.	2120.	
TOC,PPM	4.	16.	10.	7.	30.	10.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.170	.290	.576	.887	1.040	1.077	.150	
HEXACHLORS,PPB	0.0	2.9	1.2	1.7	5.4	3.3	20.0	
CHLOROPHOL,PPM	.1	.3	.2	.2	.0	.0	.2	

+----------+
+ WELL: 3SBS SAND TYPE: S3 +
+----------+

	10/77	7/79	5/81	9/81	12/81	5/82	TREND
CACO3,PPM	310.	180.	220.	230.	300.	220.	
CHLORIDES,PPM	24.	24.	28.	26.	29.	31.	
TOC,PPM	0.	0.	5.	7.	8.	10.	

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	10/77	7/79	5/81	TREND
CHLOROSOLS,PPM	0.000	.060	.112	
HEXACHLORS,PPB	22.1	1.5	.5	
CHLOROPHOL,PPM	0.0	0.0	0.0	

+----------+
+ WELL: 5SBS SAND TYPE: S3 +
+----------+

	7/79	9/79	1/80	5/80	7/80	9/80	3/81	5/81	9/81	12/81
CACO3,PPM	200.	190.	180.	320.	220.	360.	230.	270.	130.	150.
CHLORIDES,PPM	290.	165.	149.	193.	139.	141.	147.	148.	87.	92.
TOC,PPM	0.	10.	0.	8.	2.	10.	1.	11.	10.	10.

	4/82	10/82	TREND
CACO3,PPM	180.	140.	
CHLORIDES,PPM	110.	163.	
TOC,PPM	3.	21.	

	10/77	7/79	9/80	3/81	5/81	9/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	1.280	.006	.063	.027	.021	.017	.280	
HEXACHLORS,PPB	1.3	.6	0.0	0.0	1.3	0.0	0.0	2.0	
CHLOROPHOL,PPM	0.0	.0	.0	0.0	0.0	.0	0.0	0.0	

+----------+
+ WELL: 6SBS SAND TYPE: S3 +
+----------+

	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	9/81	12/81
CACO3,PPM	120.	310.	160.	140.	140.	140.	210.	170.	180.	190.
CHLORIDES,PPM	24.	109.	22.	22.	25.	25.	20.	19.	20.	23.
TOC,PPM	1.	16.	6.	0.	9.	2.	7.	1.	11.	9.

	8/82	TREND
CACO3,PPM	190.	
CHLORIDES,PPM	105.	
TOC,PPM	1.	

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	10/77	7/79	9/80	3/81	12/81	TREND
CHLOROSOLS,PPM	0.000	1.280	.003	.046	.142	
HEXACHLORS,PPB	0.0	.3	0.0	0.0	0.0	
CHLOROPHOL,PPM	0.0	0.0	.0	0.0	0.0	

+----------+
+ WELL: 7AMW SAND TYPE: S3 +
+----------+

	10/77	7/79	9/79	5/80	7/80	9/80	5/82	10/82	TREND
CACO3,PPM	3400.	4700.	3700.	3850.	3800.	3500.	2410.	1900.	
CHLORIDES,PPM	4200.	4411.	4425.	4503.	4332.	4348.	3751.	3591.	
TOC,PPM	45.	8.	4.	4.	13.	9.	7.	30.	

	10/77	7/79	9/80	10/82	TREND
CHLOROSOLS,PPM	.010	4.750	.044	.040	
HEXACHLORS,PPB	3.0	.5	1.9	18.0	
CHLOROPHOL,PPM	.4	.0	.1	.0	

+----------+
+ WELL: 7SBS SAND TYPE: S3 +
+----------+

	10/77	8/78	7/79	9/79	5/80	7/80	9/80	9/81	12/81	10/82	TREND
CACO3,PPM	340.	250.	1020.	800.	610.	670.	950.	230.	260.	140.	
CHLORIDES,PPM	780.	87.	311.	233.	350.	413.	386.	136.	75.	27.	
TOC,PPM	0.	8.	14.	26.	5.	16.	11.	4.	7.	20.	

	10/77	8/78	7/79	9/80	9/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.095	.956	2.270	4.584	.415	3.169	.020	
HEXACHLORS,PPB	8.1	8.3	1.2	1.3	5.5	.2	0.0	
CHLOROPHOL,PPM	0.0	0.0	0.0	.2	0.0	0.0	.1	

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+ WELL: 8SBS SAND TYPE: S3 +
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	10/77	7/79	9/79	5/80	7/80	9/80	9/81	12/81	4/82	10/82	TREND
CACO3,PPM	640.	1950.	800.	630.	700.	930.	700.	690.	800.	592.	
CHLORIDES,PPM	1400.	1258.	1025.	1819.	1110.	1172.	1132.	1217.	1281.	1095.	
TOC,PPM	4.	22.	8.	3.	18.	7.	12.	8.	4.	20.	

	10/77	7/79	9/80	12/81	10/82	TREND
CHLOROSOLS,PPM	.180	2.800	1.600	1.225	.820	
HEXACHLORS,PPB	.8	2.0	.3	1.3	1.0	
CHLOROPHOL,PPM	.0	.0	.1	.0	.1	

+----------+
+ WELL: 9SAD SAND TYPE: S3 +
+----------+

	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	180.	170.	220.	170.	500.	180.	310.	250.	330.	267.
CHLORIDES,PPM	24.	30.	29.	27.	26.	30.	24.	27.	60.	33.
TOC,PPM	0.	5.	8.	8.	0.	12.	0.	7.	2.	3.

	9/81	10/82	TREND
CACO3,PPM	300.	288.	
CHLORIDES,PPM	138.	132.	
TOC,PPM	0.	19.	

	10/77	7/79	9/80	3/81	5/81	9/81	TREND
CHLOROSOLS,PPM	.045	.200	.011	.078	.176	.066	
HEXACHLORS,PPB	6.2	0.0	5.7	.7	1.4	35.7	
CHLOROPHOL,PPM	0.0	0.0	.3	.1	0.0	0.0	

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+ WELL: 9SBS SAND TYPE: S3 +
+----------+

	10/77	8/78	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81
CACO3,PPM	170.	150.	170.	160.	180.	600.	150.	220.	140.	180.
CHLORIDES,PPM	14.	12.	16.	10.	25.	14.	13.	11.	12.	15.
TOC,PPM	1.	8.	11.	4.	2.	0.	11.	3.	5.	2.

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	9/81	TREND
CACO3,PPM	100.	
CHLORIDES,PPM	13.	
TOC,PPM	1.	

	10/77	8/78	7/79	9/80	3/81	TREND
CHLOROSOLS,PPM	.003	.028	.220	.043	.069	
HEXACHLORS,PPB	5.3	6.5	0.0	2.3	.8	
CHLOROPHOL,PPM	0.0	0.0	0.0	.2	.1	

+----------+
+ WELL: 12SBS SAND TYPE: S3 +
+----------+

	10/77	8/78	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81
CACO3,PPM	4800.	4710.	4300.	4110.	2700.	4250.	4200.	3595.	3650.	3980.
CHLORIDES,PPM	10000	10700	8870.	9371.	9100.	9216.	9542.	9332.	9006.	8440.
TOC,PPM	76.	117.	72.	70.	58.	60.	54.	41.	46.	34.

	5/81	5/81	9/81	12/81	5/82	8/82	11/82	12/82	TREND
CACO3,PPM	4500.	4500.	3550.	3050.	2770.	2710.	2400.	2100.	
CHLORIDES,PPM	8765.	9460.	7419.	6947.	5832.	4982.	4423.	4191.	
TOC,PPM	32.	37.	28.	32.	10.	60.	42.	16.	

	10/77	8/78	7/79	9/80	3/81	5/81	9/81	12/81	10/82	TREND
CHLOROSOLS,PPM	13.650	7.000	130.850	36.850	24.150	20.200	10.684	22.067	19.000	
HEXACHLORS,PPB	492.1	666.0	254.0	172.0	45.8	167.0	146.2	87.5	305.0	
CHLOROPHOL,PPM	7.5	12.2	.2	.3	.5	5.9	5.5	.9	.6	

+----------+
+ WELL: 13 MW SAND TYPE: S3 +
+----------+

	10/77	7/79	5/81	9/81	12/81	6/82	8/82	10/82	TREND
CACO3,PPM	10800	10500	7350.	7200.	7150.	7200.	6490.	3500.	
CHLORIDES,PPM	23800	27690	21420	20912	2900.	21240	20477	18390	
TOC,PPM	135.	162.	137.	32.	49.	50.	39.	94.	

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	10/77	7/79	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.713	146.950	627.200	177.490	194.100	
HEXACHLORS,PPB	4.1	49.8	1.9	52.6	3760.0	
CHLOROPHOL,PPM	14.6	3.7	11.8	7.3	13.9	

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+ WELL: 13SAD SAND TYPE: S3 +
+----------+

	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	190.	150.	200.	160.	170.	170.	170.	220.	240.	240.
CHLORIDES,PPM	22.	12.	14.	10.	7.	16.	15.	31.	35.	32.
TOC,PPM	3.	26.	4.	21.	0.	10.	0.	2.	1.	5.

	9/81	12/81	5/82	11/82	TREND
CACO3,PPM	230.	160.	120.	152.	
CHLORIDES,PPM	38.	32.	14.	32.	
TOC,PPM	9.	7.	7.	24.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	.160	.029	.460	.281	.021	.004	
HEXACHLORS,PPB	1.0	0.0	0.0	0.0	.4	0.0	3.0	
CHLOROPHOL,PPM	0.0	0.0	.0	.1	0.0	0.0	0.0	

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+ WELL: 26 MW SAND TYPE: S3 +
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	10/77	8/78	9/80	9/81	12/81	6/82	10/82	TREND
CACO3,PPM	3800.	3400.	5430.	3650.	2500.	2880.	2300.	
CHLORIDES,PPM	3930.	3700.	3758.	6589.	3867.	3787.	4249.	
TOC,PPM	0.	8.	3.	20.	10.	4.	24.	

	8/78	9/80	12/81	10/82	TREND
CHLOROSOLS,PPM	.039	.031	.160	.176	
HEXACHLORS,PPB	44.1	3.3	.2	5.0	
CHLOROPHOL,PPM	.0	.3	.6	.6	

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+ WELL: 30 IW SAND TYPE: S3 +
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	10/77	7/79	9/79	3/80	5/80	7/80	9/80	2/81	3/81	5/81
CACO3,PPM	10200	7900.	2700.	8500.	7600.	7200.	7750.	6950.	6900.	7200.
CHLORIDES,PPM	18800	18059	22283	21040	19496	19333	19845	17702	17188	16944
TOC,PPM	134.	154.	148.	62.	55.	31.	51.	22.	23.	40.

	9/81	12/81	6/82	TREND
CACO3,PPM	6500.	5400.	5300.	
CHLORIDES,PPM	14968	12533	11592	
TOC,PPM	42.	21.	36.	

	10/77	7/79	9/79	3/80	9/80	3/81	5/81	12/81	TREND
CHLOROSOLS,PPM	59.500	388.530	19.330	30.000	24.700	51.330	35.300	119.150	
HEXACHLORS,PPB	3707.0	5463.0	189.0	243.0	6496.0	914.9	1117.0	329.4	
CHLOROPHOL,PPM	11.1	.1	.0	2.7	5.0	.9	5.9	3.0	

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+ WELL: 31 IW SAND TYPE: S3 +
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	10/77	8/78	7/79	9/79	3/80	5/80	7/80	9/80	2/81	3/81
CACO3,PPM	8100.	10600	6300.	2900.	9650.	7100.	5700.	6500.	5900.	5890.
CHLORIDES,PPM	15700	19898	14700	17593	17625	16080	15591	15249	15008	15003
TOC,PPM	0.	6.	118.	10.	0.	0.	0.	34.	54.	40.

	5/81	9/81	12/81	6/82	TREND
CACO3,PPM	6700.	5450.	5300.	5150.	
CHLORIDES,PPM	13965	14044	12461	11678	
TOC,PPM	74.	26.	19.	42.	

	8/78	7/79	9/79	3/80	9/80	3/81	5/81	12/81	TREND
CHLOROSOLS,PPM	5.980	388.530	10.300	26.000	34.150	41.780	16.700	12.110	
HEXACHLORS,PPB	3282.0	5829.0	695.0	469.0	1100.0	1155.7	623.0	175.8	
CHLOROPHOL,PPM	31.7	2.6	.6	3.0	4.0	2.8	6.6	.6	

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+ WELL: 32 IW SAND TYPE: S3 +
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	10/77	7/79	9/79	3/80	5/80	9/80	2/81	3/81	5/81	9/81
CACO3,PPM	5900.	6600.	3000.	9100.	5700.	6000.	5400.	5020.	6950.	4400.
CHLORIDES,PPM	14000	11800	36336	13122	12384	12531	11312	11472	14395	10055
TOC,PPM	0.	73.	106.	43.	37.	47.	50.	22.	74.	21.

	12/81	6/82	TREND
CACO3,PPM	5000.	5000.	
CHLORIDES,PPM	10814	11441	
TOC,PPM	23.	34.	

	10/77	7/79	9/79	3/80	9/80	3/81	5/81	12/81	TREND
CHLOROSOLS,PPM	.777	8.900	.980	.670	.580	2.150	1.900	3.610	
HEXACHLORS,PPB	56.2	53.1	19.5	1.9	.4	3.6	96.2	77.2	
CHLOROPHOL,PPM	12.7	9.3	1.6	2.8	1.0	.8	8.1	.2	

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+ WELL: 33 IW SAND TYPE: S3 +
+----------+

	10/77	8/78	7/79	7/80	9/80	12/81	6/82	10/82	TREND
CACO3,PPM	7800.	5000.	4500.	6250.	6100.	8200.	8400.	5900.	
CHLORIDES,PPM	18500	6918.	5746.	14946	11794	15182	15048	15000	
TOC,PPM	0.	24.	18.	72.	16.	100.	92.	134.	

	10/77	8/78	7/79	9/80	12/81	10/82	TREND
CHLOROSOLS,PPM	.695	.032	1.030	.325	1.026	.242	
HEXACHLORS,PPB	39.6	17.0	1.1	.2	0.0	801.0	
CHLOROPHOL,PPM	48.4	60.4	.0	.2	.4	28.7	

+----------+
+ WELL: 4SAD SAND TYPE: O +
+----------+

	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	9/81	12/81
CACO3,PPM	280.	270.	240.	240.	290.	230.	320.	235.	240.	230.
CHLORIDES,PPM	138.	155.	83.	81.	68.	79.	81.	81.	76.	74.
TOC,PPM	5.	16.	6.	3.	11.	7.	10.	1.	10.	16.

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	5/82	10/82	TREND
CACO3,PPM	210.	168.	
CHLORIDES,PPM	106.	69.	
TOC,PPM	3.	25.	

	10/77	7/79	9/80	3/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	.100	.005	.564	.140	.100	
HEXACHLORS,PPB	1.2	.6	0.0	0.0	0.0	1.0	
CHLOROPHOL,PPM	.0	0.0	0.0	0.0	0.0	.1	

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+ WELL: 4SBS SAND TYPE: O +
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	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	9/81	12/81
CACO3,PPM	350.	350.	370.	380.	360.	300.	460.	270.	350.	290.
CHLORIDES,PPM	242.	310.	186.	196.	157.	158.	165.	149.	161.	183.
TOC,PPM	5.	12.	6.	2.	20.	6.	25.	1.	5.	7.

	4/82	10/82	TREND
CACO3,PPM	340.	212.	
CHLORIDES,PPM	158.	105.	
TOC,PPM	2.	20.	

	10/77	7/79	9/80	3/81	12/81	10/82	TREND
CHLOROSOLS,PPM	0.000	1.020	.007	.044	.044	.020	
HEXACHLORS,PPB	.5	.5	0.0	0.0	0.0	1.0	
CHLOROPHOL,PPM	.0	0.0	0.0	0.0	0.0	.0	

+----------+
+ WELL: 7 WW SAND TYPE: O +
+----------+

	10/77	7/79	9/79	5/80	7/80	9/80	3/81	5/81	9/81	12/81	TREND
CACO3,PPM	290.	310.	175.	300.	270.	440.	260.	280.	320.	260.	
CHLORIDES,PPM	46.	326.	81.	42.	55.	62.	28.	24.	28.	29.	
TOC,PPM	1.	0.	6.	5.	0.	2.	5.	7.	5.	1.	

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	10/77	7/79	9/80	3/81	5/81	12/81	TREND
CHLOROSOLS,PPM	.182	12.760	.305	.257	.011	.005	
HEXACHLORS,PPB	0.0	.9	.3	0.0	.6	1.0	
CHLOROPHOL,PPM	0.0	.0	0.0	.1	0.0	.0	

+----------+
+ WELL: 10 WW SAND TYPE: 0 +
+----------+

	10/77	7/79	9/79	1/80	5/80	7/80	9/80	3/81	5/81	TREND
CACO3,PPM	280.	310.	260.	256.	340.	240.	400.	260.	270.	
CHLORIDES,PPM	23.	62.	58.	26.	25.	25.	23.	26.	26.	
TOC,PPM	0.	5.	1.	0.	7.	0.	2.	1.	7.	

	10/77	7/79	9/80	3/81	5/81	TREND
CHLOROSOLS,PPM	0.000	.150	.024	.177	.017	
HEXACHLORS,PPB	0.0	.3	.2	0.0	2.0	
CHLOROPHOL,PPM	0.0	0.0	.0	0.0	0.1	

+----------+
+ WELL: 10SAD SAND TYPE: 0 +
+----------+

	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	180.	190.	190.	210.	200.	240.	280.	270.	100.	210.
CHLORIDES,PPM	16.	16.	17.	15.	11.	21.	16.	16.	10.	10.
TOC,PPM	13.	4.	6.	0.	3.	17.	5.	3.	11.	7.

	9/81	12/81	4/82	11/82	TREND
CACO3,PPM	90.	130.	210.	124.	
CHLORIDES,PPM	5.	14.	10.	5.	
TOC,PPM	22.	19.	7.	26.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.040	.130	.026	.131	.038	.171	.050	
HEXACHLORS,PPB	.3	.3	0.0	0.0	.5	0.0	0.0	
CHLOROPHOL,PPM	0.0	0.0	0.0	.1	0.0	0.0	.4	

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+ WELL: 10SBS SAND TYPE: O +
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	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	170.	170.	200.	190.	230.	250.	190.	190.	150.	210.
CHLORIDES,PPM	18.	10.	25.	19.	16.	19.	21.	15.	6.	11.
TOC,PPM	4.	3.	6.	7.	0.	13.	7.	2.	7.	9.

	9/81	12/81	4/82	11/82	TREND
CACO3,PPM	90.	130.	200.	112.	
CHLORIDES,PPM	4.	6.	9.	5.	
TOC,PPM	17.	22.	10.	35.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.040	.100	.028	.262	.210	.061	.110	
HEXACHLORS,PPB	1.4	7.4	0.0	.5	3.4	0.0	1.0	
CHLOROPHOL,PPM	0.0	0.0	.0	.1	0.0	0.0	.4	

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+ WELL: 11SAD SAND TYPE: O +
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	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	830.	380.	320.	280.	240.	330.	340.	290.	330.	380.
CHLORIDES,PPM	1160.	243.	477.	450.	378.	520.	473.	434.	481.	566.
TOC,PPM	3.	4.	5.	0.	0.	12.	6.	6.	2.	9.

	9/81	12/81	5/82	11/82	TREND
CACO3,PPM	310.	270.	170.	100.	
CHLORIDES,PPM	353.	281.	167.	91.	
TOC,PPM	11.	26.	4.	20.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	.320	.380	1.370	17.920	1.130	1.032	.020	
HEXACHLORS,PPB	2.3	0.0	0.0	.7	12.2	0.0	1.0	
CHLOROPHOL,PPM	0.0	0.0	.1	.1	0.0	0.0	.0	

))VULCAN MONITOR WELL REPORT((
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+ WELL: 11SBS SAND TYPE: O +
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	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	5/81
CACO3,PPM	500.	340.	420.	460.	430.	360.	270.	325.	350.	310.
CHLORIDES,PPM	530.	166.	517.	560.	528.	454.	356.	405.	420.	329.
TOC,PPM	4.	4.	4.	0.	0.	10.	5.	7.	1.	8.

	9/81	12/81	4/82	11/82	TREND
CACO3,PPM	250.	220.	210.	120.	
CHLORIDES,PPM	301.	159.	144.	103.	
TOC,PPM	13.	7.	2.	22.	

	10/77	7/79	9/80	3/81	5/81	12/81	10/82	TREND
CHLOROSOLS,PPM	1.300	.270	.971	14.500	.270	.189	.003	
HEXACHLORS,PPB	3.6	0.0	0.0	.2	12.7	0.0	1.0	
CHLOROPHOL,PPM	0.0	.0	.0	.1	0.0	0.0	.0	

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+ WELL: 13SBS SAND TYPE: O +
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	10/77	7/79	9/79	11/79	1/80	5/80	7/80	9/80	3/81	9/81
CACO3,PPM	160.	250.	200.	160.	170.	170.	170.	170.	160.	170.
CHLORIDES,PPM	8.	12.	14.	10.	7.	16.	15.	12.	8.	14.
TOC,PPM	3.	26.	4.	21.	0.	0.	0.	0.	5.	9.

	12/81	5/82	TREND
CACO3,PPM	140.	120.	
CHLORIDES,PPM	7.	7.	
TOC,PPM	9.	26.	

	10/77	7/79	9/80	3/81	12/81	TREND
CHLOROSOLS,PPM	0.000	.130	.005	.181	.016	
HEXACHLORS,PPB	1.2	0.0	0.0	0.0	0.0	
CHLOROPHOL,PPM	0.0	0.0	.0	.1	0.0	

))VULCAN MONITOR WELL REPORT((
2:33 PM FRI., 4 FEB., 1983

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+ WELL: CITY        SAND TYPE: 0  +
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	3/81	TREND
CACO3,PPM	140.	
CHLORIDES,PPM	83.	
TOC,PPM	1.	

	3/81	TREND
CHLOROSOLS,PPM	.333	
HEXACHLORS,PPB	.2	
CHLOROPHOL,PPM	.0	

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WELL NAME: 2S AD

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	.07	.0065
CHLOROFORM	< .03	ND	.28	.0017
CARBON TETRACHLORIDE	.04	.026	.03	.0049
PERCHLOROETHYLENE	.0005	.003	.13	.007
ETHYLENE DICHLORIDE	< .1	ND	.2	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND		.0002
TRICHLORETHANE-1,1,1	< .1	ND	TRACE	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	.12	.2	ND	.5
HEXACHLOROBENZENE	< .01	.9	.5	.1
HEXACHLOROBUTADIENE	.6	1.3	.4	.4
a-HEXACHLOROCYCLOHEXANE	< .3	1.3	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	20	30.8	ND	3.1
TRICHLOROPHENOL-2,4,5	< .001	16.2		
DICHLOROPHENOL-2,4	440	930		
DICHLOROPHENOL-2,6	67	ND	2	4.9
PARA(META)CHLOROPHENOL	<20	ND	149	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 2S AD

COMPONENT	MARCH81	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.011	.41	.022	.049
CHLOROFORM	.013	.006	.023	.006
CARBON TETRACHLORIDE	.007	.004	.091	< .136
PERCHLOROETHYLENE	.056	.004	.014	.012
ETHYLENE DICHLORIDE	.046	.005	ND	.005
DICHLOROPROPROPANE-1,2		ND	ND	ND
TRICHLOROETHYLENE	.001	.001	< .001	ND
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	ND	.2	ND	< .01
HEXACHLOROBENZENE	ND	ND	ND	1.82
HEXACHLOROBUTADIENE	ND	.3	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	ND	.5	17.5
g-HEXACHLOROCYCLONEXANE	ND	17	1	36.1
PENTACHLOROPHENOL	51.8	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	21.3	ND	ND	ND
TRICHLOROPHENOL-2,4,6	105	56.6	ND	ND
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4			ND	216
DICHLOROPHENOL-2,6	4.7	293	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND	ND
CHLOROBENZENE		ND	ND	ND
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 2S BS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.02	.0106	.001
CHLOROFORM	.09	.03	.213	.24
CARBON TETRACHLORIDE	.08	.01	.301	.5
PERCHLOROETHYLENE	< .002	.12	.044	.086
ETHYLENE DICHLORIDE	< .1	.03	.004	.055
DICHLOROPROPROPANE-1,2	< .1	ND	ND	ND
TRICHLOROETHYLENE		ND	.0033	.005
TRICHLORETHANE-1,1,1	< .1	.08		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	1.8	.7	1.3
HEXACHLOROBENZENE	< .01	ND	ND	.4
HEXACHLOROBUTADIENE	< .01	.2	.5	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	.5	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	.4	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	89.3
TETRACHLOROPHENOL2,3,4,6	<10	ND	149	69
TRICHLOROPHENOL-2,4,6	34	ND	11.9	8.3
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	42		ND	
DICHLOROPHENOL-2,6	17	238	3.1	2.2
PARA(META)CHLOROPHENOL	<20	36	ND	ND
CHLOROBENZENE	< .1	ND	ND	ND
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 2S BS

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.87	.025	.023
CHLOROFORM	.28	.28	.71
CARBON TETRACHLORIDE	.11	.63	< .136
PERCHLOROETHYLENE	.055	.125	.043
ETHYLENE DICHLORIDE	.098	.009	.011
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	.02	.008	
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	3.1	1.7	1.82
HEXACHLOROBENZENE	ND	ND	.93
HEXACHLOROBUTADIENE	.7	ND	.1
a-HEXACHLOROCYCLOHEXANE	1.2	1.1	1.5
g-HEXACHLOROCYCLONEXANE	.4	.5	.9
PENTACHLOROPHENOL	ND	ND	8
TETRACHLOROPHENOL2,3,4,6	ND	ND	153
TRICHLOROPHENOL-2,4,6	33.9	9	
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4		ND	42
DICHLOROPHENOL-2,6	ND	27	
PARA(META)CHLOROPHENOL	ND	ND	
CHLOROBENZENE ppm		ND	
B-HEXACHLOROCYCLOHEXANE	ND		14

WELL NAME: 3S AD

COMPONENT	NOV77	AUG79	MAY81	DEC81
METHYLENE CHLORIDE	< .25	.01	.022	.013
CHLOROFORM	< .03	.02	.005	.008
CARBON TETRACHLORIDE	< .03	ND	1.43	.017
PERCHLOROETHYLENE	< .002	.04	.098	.007
ETHYLENE DICHLORIDE	< .1	ND	ND	.002
DICHLOROPROPROPANE-1,2	< .1	ND	ND	ND
TRICHLOROETHYLENE		ND	.001	< .001
TRICHLORETHANE-1,1,1	< .1	.07		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	4.7	< .2	.2	ND
HEXACHLOROBENZENE	.58	< .2	.5	ND
HEXACHLOROBUTADIENE	48.8	.5	.2	ND
a-HEXACHLOROCYCLOHEXANE	< .1	1.1	2.7	1.2
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	.6
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	ND	ND
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4	<20			ND
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
[illegible]OROBENZENE			.0002	ND
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 3S BS

COMPONENT	NOV77	AUG79	MAY81	DEC81
METHYLENE CHLORIDE	< .25	TRACE	.011	.005
CHLOROFORM	< .03	ND	.007	.005
CARBON TETRACHLORIDE	< .03	.03	.07	.01
PERCHLOROETHYLENE	< .002	.02	.024	.004
ETHYLENE DICHLORIDE	< .1	ND	ND	.004
DICHLOROPROPROPANE-1,2	< .1	ND	ND	.002
TRICHLOROETHYLENE		ND	< .001	ND
TRICHLORETHANE-1,1,1	< .1	.01		< .001
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	2.2	ND	.2	ND
HEXACHLOROBENZENE	.34	1.5	.2	ND
HEXACHLOROBUTADIENE	19.6	ND	.1	ND
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	ND	ND
TRICHLOROPHENOL-2,4,5				ND
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	<1	ND	ND
PARA(META)CHLOROPHENOL		ND	ND	ND
CHLOROBENZENE			ND	ND
B-HEXACHLOROCYCLOHEXANE				ND

WELL NAME: 4S AD

	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	TRACE	.0028	.065
CHLOROFORM	< .03	.02	.0016	.036
CARBON TETRACHLORIDE	< .03	TRACE	ND	.068
PERCHLOROETHYLENE	< .002	.01	.0004	.25
ETHYLENE DICHLORIDE	< .1	.06	ND	.142
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	ND	.003
TR1CHLORETHANE-1,1,1	< .1	.01		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.04	< .2	ND	< .1
HEXACHLOROBENZENE	< .01	ND	< .1	ND
HEXACHLOROBUTADIENE	1.2	.2	ND	ND
a-HEXACHLOROCYCLOHEXANE	< .1	.4	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	20	ND	ND	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 4S AD

	DEC81	OCT82
METHYLENE CHLORIDE	.007	.072
CHLOROFORM	.006	.027
CARBON TETRACHLORIDE	.111	< .136
PERCHLOROETHYLENE	.014	< .003
ETHYLENE DICHLORIDE	.002	< .005
DICHLOROPROPROPANE-1,2	ND	
TRICHLOROETHYLENE	< .001	
TR1CHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	ND	< .01
HEXACHLOROBENZENE	ND	< .02
HEXACHLOROBUTADIENE	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	.1
g-HEXACHLOROCYCLONEXANE	ND	.2
PENTACHLOROPHENOL	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND
TRICHLOROPHENOL-2,4,5		
DICHLOROPHENOL-2,4	ND	ND
DICHLOROPHENOL-2,6	ND	68.9
PARA(META)CHLOROPHENOL	ND	ND
CHLOROBENZENE	ND	
B-HEXACHLOROCYCLOHEXANE		.1

WELL NAME: 4S BS

	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.01	.0043	.006
CHLOROFORM	< .03	.03	.0024	.005
CARBON TETRACHLORIDE	< .03	.01	ND	.012
PERCHLOROETHYLENE	< .002	.02	.0004	.004
ETHYLENE DICHLORIDE	< .1	.94	ND	.016
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	< .0001	.001
TR1CHLORETHANE-1,1,1	< .1	.01		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.07	.2	< .1	< .1
HEXACHLOROBENZENE	< .01	ND	< .1	< .1
HEXACHLOROBUTADIENE	.45	.3	< .1	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	10	ND	ND	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20	ND		
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE		.1		

WELL NAME: 4S BS

	DEC81	OCT82
METHYLENE CHLORIDE	.003	.017
CHLOROFORM	.003	< .006
CARBON TETRACHLORIDE	.03	< .136
PERCHLOROETHYLENE	.006	< .003
ETHYLENE DICHLORIDE	.002	< .005
DICHLOROPROPROPANE-1,2	ND	ND
TRICHLOROETHYLENE	ND	ND
TR1CHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	ND	1.42
HEXACHLOROBENZENE	ND	< .02
HEXACHLOROBUTADIENE	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	< .1
g-HEXACHLOROCYCLONEXANE	ND	< .1
PENTACHLOROPHENOL	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND
TRICHLOROPHENOL-2,4,5		
DICHLOROPHENOL-2,4	ND	ND
DICHLOROPHENOL-2,6	ND	17.4
PARA(META)CHLOROPHENOL	ND	ND
CHLOROBENZENE	ND	
B-HEXACHLOROCYCLOHEXANE		

WELL NAME: 5SAD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.01	.0125	.006
CHLOROFORM	< .03	.01	.0014	.014
CARBON TETRACHLORIDE	< .03	TRACE	.0002	.019
PERCHLOROETHYLENE	< .002	.08	.0015	.004
ETHYLENE DICHLORIDE	< .1	.03	.0002	.028
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	.0006	.004
TRICHLORETHANE-1,1,1	< .1	2.53		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.05	< .2	< .1	ND
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	1.2	.2	< .1	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	< .2	ND	ND
g-HEXACHLOROCYCLONEXANE	< 3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1.0	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	2.0	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20	ND		
DICHLOROPHENOL-2,6	<20	1.0	ND	ND
PARA(META)CHLOROPHENOL	<20	2.0	ND	ND
CHLOROBENZENE	ND			
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 5SAD

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.004	.003	.006
CHLOROFORM	.013	.018	.006
CARBON TETRACHLORIDE	.025	.017	< .136
PERCHLOROETHYLENE	.010	.009	.009
ETHYLENE DICHLORIDE	ND	.001	< .005
DICHLOROPROPROPANE-1,2	ND	ND	ND
TRICHLOROETHYLENE	.003	.003	ND
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.8	ND	1.88
HEXACHLOROBENZENE	ND	ND	.3
HEXACHLOROBUTADIENE	.3	ND	.1
a-HEXACHLOROCYCLOHEXANE	ND	ND	< .01
g-HEXACHLOROCYCLONEXANE	ND	ND	< .01
PENTACHLOROPHENOL	ND	ND	13.5
TETRACHLOROPHENOL2,3,4,6	ND	ND	5.3
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			
DICHLOROPHENOL-2,6	ND	ND	24.5
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	< .001	ND	
B-HEXACHLOROCYCLOHEXANE			.1

WELL NAME: 5SBS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.05	.0028	.007
CHLOROFORM	< .03	.13	.0025	.006
CARBON TETRACHLORIDE	< .03	TRACE	< .0001	.012
PERCHLOROETHYLENE	< .002	.06	.0005	.005
ETHYLENE DICHLORIDE	< .1	.05	.0004	.031
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE		ND	.0001	.002
TRICHLORETHANE-1,1,1	< .1	.99		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.06	ND	ND	< .1
HEXACHLOROBENZENE	< .01	.2	< .1	< .1
HEXACHLOROBUTADIENE	1.2	.2	< .1	ND
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	.2	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	2.1	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	42	.8	ND
PARA(META)CHLOROPHENOL	<20	4	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 5SBS

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.004	.006	.011
CHLOROFORM	.008	.004	< .006
CARBON TETRACHLORIDE	.007	.007	.271
PERCHLOROETHYLENE	.007	< .001	< .003
ETHYLENE DICHLORIDE	ND	< .001	< .005
DICHLOROPROPROPANE-1,2	ND	ND	ND
TRICHLOROETHYLENE	.001	< .001	ND
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.9	ND	1.86
HEXACHLOROBENZENE	ND	ND	.4
HEXACHLOROBUTADIENE	.4	ND	< .01
a-HEXACHLOROCYCLOHEXANE	ND	ND	< .01
g-HEXACHLOROCYCLONEXANE	ND	ND	< .01
PENTACHLOROPHENOL	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			
DICHLOROPHENOL-2,6	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE		ND	ND
B-HEXACHLOROCYCLOHEXANE			< .1

WELL NAME: 6SAD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	ND	.0022	.005
CHLOROFORM	< .03	.46	.0015	.005
CARBON TETRACHLORIDE	< .03	TRACE	ND	.009
PERCHLOROETHYLENE	< .002	4.46	.002	.007
ETHYLENE DICHLORIDE	< .1	ND	ND	.020
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE		ND	ND	ND
TRICHLORETHANE-1,1,1	< .1	TRACE	ND	
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	< .2	ND	ND
HEXACHLOROBENZENE	< .01	ND	< .1	ND
HEXACHLOROBUTADIENE	< .01	.3	ND	ND
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	2.6	ND
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	.3	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE			ND	
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 6SAD

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.005	.081	.009
CHLOROFORM	.005	.008	< .006
CARBON TETRACHLORIDE	.013	.154	< .136
PERCHLOROETHYLENE	.009	.008	.009
ETHYLENE DICHLORIDE	ND	ND	< .005
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	< .001	< .001	
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	2.4	ND	.01
HEXACHLOROBENZENE	ND	ND	< .02
HEXACHLOROBUTADIENE	.8	ND	< .01
a-HEXACHLOROCYCLOHEXANE	ND	ND	< .01
g-HEXACHLOROCYCLONEXANE	ND	ND	< .01
PENTACHLOROPHENOL	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND	3
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			3.5
DICHLOROPHENOL-2,6	ND	ND	30
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE			
B-HEXACHLOROCYCLOHEXANE			

WELL NAME: 6SBS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.04	.0015	.005
CHLOROFORM	< .03	15.67	.0011	.006
CARBON TETRACHLORIDE	< .03	.05	ND	.009
PERCHLOROETHYLENE	< .002	.17	.0001	.005
ETHYLENE DICHLORIDE	< .1	.03	.0001	.021
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	ND	ND
TRICHLORETHANE-1,1,1	< .1	.01		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	< .2	ND	ND
HEXACHLOROBENZENE	< .01	ND	< .1	ND
HEXACHLOROBUTADIENE	< .01	.3	ND	ND
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	<1	1.7	ND
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4	<20		ND	
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 6SBS

COMPONENT	DEC81
METHYLENE CHLORIDE	.008
CHLOROFORM	.024
CARBON TETRACHLORIDE	.096
PERCHLOROETHYLENE	.013
ETHYLENE DICHLORIDE	< .001
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	.001
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	ND
HEXACHLOROBENZENE	ND
HEXACHLOROBUTADIENE	ND
a-HEXACHLOROCYCLOHEXANE	ND
g-HEXACHLOROCYCLONEXANE	ND
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	ND
TRICHLOROPHENOL-2,4,6	ND
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	
DICHLOROPHENOL-2,6	ND
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	ND
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: 7A

COMPONENT	NOV77	AUG79	SEPT80	OCT82
METHYLENE CHLORIDE	< .25	.02	.0014	.011
CHLOROFORM	< .03	1.85	.001	.009
CARBON TETRACHLORIDE	< .03	.01	ND	< .136
PERCHLOROETHYLENE	.01	1.5	.0188	.016
ETHYLENE DICHLORIDE	< .1	1.35	ND	< .005
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	.023	
TRICHLORETHANE-1,1,1	< .1	.02		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	< .2	< .1	.17
HEXACHLOROBENZENE	.1	ND	.2	.66
HEXACHLOROBUTADIENE	< .01	.5	.4	.4
a-HEXACHLOROCYCLOHEXANE	2.9	ND	1.3	14.4
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	1.1
PENTACHLOROPHENOL	<30	ND	ND	4
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	10
TRICHLOROPHENOL-2,4,6	40	<1	68.7	ND
TRICHLOROPHENOL-2,4,5				ND
DICHLOROPHENOL-2,4	230			22
DICHLOROPHENOL-2,6	120	2	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				1.7
D-HEXACHLOROCYCLOHEXANE				

1,758 ppm

17000

WELL NAME: 7B

COMPONENT	NOV77	AUG79	SEPT80	OCT82
METHYLENE CHLORIDE	< .25	.01	.0014	.011
CHLOROFORM	< .03	1.04	.0005	< .006
CARBON TETRACHLORIDE	< .03	TRACE	ND	< .136
PERCHLOROETHYLENE	< .002	.19	.0045	< .003
ETHYLENE DICHLORIDE	< .1	.22	ND	< .005
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE		ND	.0019	
TRICHLORETHANE-1,1,1	< .1	.01		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	.4	.1	.11
HEXACHLOROBENZENE	< .01	.96	ND	< .02
HEXACHLOROBUTADIENE	< .01	1.6	< .1	< .1
a-HEXACHLOROCYCLOHEXANE	.23	.3	.4	< .1
g-HEXACHLOROCYCLONEXANE	< .3	ND	.7	< .1
PENTACHLOROPHENOL	<30	<1	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1	24.2	4.7
TRICHLOROPHENOL-2,4,6	< 1	<1	103	ND
TRICHLOROPHENOL-2,4,5				ND
DICHLOROPHENOL-2,4	<20			ND
DICHLOROPHENOL-2,6	<20	1	19.2	33.6
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				< .1
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 7S AD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	.93	8.32	12.5	12.8
CHLOROFORM	4.3	5.01	1.9	24.8
CARBON TETRACHLORIDE	5.3	9.32	.87	37.2
PERCHLOROETHYLENE	.5	27.22	1.95	6.4
ETHYLENE DICHLORIDE	< .1	36.65	2.28	3.8
DICHLOROPROPROPANE-1,2	< .1	ND		ND
TRICHLOROETHYLENE		ND	.48	.34
TRICHLORETHANE-1,1,1	< .1	41.44		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	29.3	105	.4	9.2
HEXACHLOROBENZENE	.25	ND	.6	1
HEXACHLOROBUTADIENE	10.8	10.5	.1	.8
a-HEXACHLOROCYCLOHEXANE	1.6	13.8	ND	12.7
g-HEXACHLOROCYCLONEXANE	< .3	16.1	ND	12
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	< 1	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	< 1	ND	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	313	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				.48
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 7S AD

COMPONENT	DEC81	OCT82
METHYLENE CHLORIDE	8.2	2.21
CHLOROFORM	12.5	4.69
CARBON TETRACHLORIDE	17.2	.81
PERCHLOROETHYLENE	5.9	.22
ETHYLENE DICHLORIDE	1.73	1.15
DICHLOROPROPROPANE-1,2	ND	
TRICHLOROETHYLENE	.31	
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		11.58
HEXACHLOROETHANE	25.5	.06
HEXACHLOROBENZENE	3.2	4.3
HEXACHLOROBUTADIENE	14.5	4.2
a-HEXACHLOROCYCLOHEXANE	2.9	3.7
g-HEXACHLOROCYCLONEXANE	2.5	106.9
PENTACHLOROPHENOL	ND	15.4
TETRACHLOROPHENOL2,3,4,6	ND	25.5
TRICHLOROPHENOL-2,4,6	.8	
TRICHLOROPHENOL-2,4,5		4.1
DICHLOROPHENOL-2,4		152.3
DICHLOROPHENOL-2,6	9	34.3
PARA(META)CHLOROPHENOL	ND	3.9
CHLOROBENZENE	.59	
B-HEXACHLOROCYCLOHEXANE		

WELL NAME: 7S BS

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	.01	.0095
CHLOROFORM	.04	.097	.79	.91
CARBON TETRACHLORIDE	.05	.848	.01	3.2
PERCHLOROETHYLENE	.0053	.011	.54	.36
ETHYLENE DICHLORIDE	< .1	ND	.17	.091
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE		ND	ND	.0133
TRICHLORETHANE-1,1,1	< .1	ND	.75	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	1.3	.9	1	1.2
HEXACHLOROBENZENE	.66	1.4	ND	ND
HEXACHLOROBUTADIENE	6.1	4.4	.2	.1
a-HEXACHLOROCYCLOHEXANE	< .1	1.2	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	.4	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	194
TETRACHLOROPHENOL2,3,4,6	<10	<10	< 1	ND
TRICHLOROPHENOL-2,4,6	< 1	<10	ND	7.2
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	<20	ND		
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 7S BS

COMPONENT	DEC81	OCT82
METHYLENE CHLORIDE	.174	.011
CHLOROFORM	.065	< .006
CARBON TETRACHLORIDE	2.86	< .136
PERCHLOROETHYLENE	.056	.006
ETHYLENE DICHLORIDE	.003	< .005
DICHLOROPROPROPANE-1,2	ND	ND
TRICHLOROETHYLENE	< .001	ND
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	.2	< .01
HEXACHLOROBENZENE	ND	< .02
HEXACHLOROBUTADIENE	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	< .1
g-HEXACHLOROCYCLONEXANE	ND	< .1
PENTACHLOROPHENOL	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	25
TRICHLOROPHENOL-2,4,6	ND	ND
TRICHLOROPHENOL-2,4,5		
DICHLOROPHENOL-2,4		
DICHLOROPHENOL-2,6	ND	44
PARA(META)CHLOROPHENOL	ND	ND
CHLOROBENZENE	.011	< .1
B-HEXACHLOROCYCLOHEXANE		

WELL NAME: 8S AD

COMPONENT	NOV77	AUG79	SEPT80	DEC81
METHYLENE CHLORIDE	< .25	.01	.02	.031
CHLOROFORM	< .03	.52	.0023	.032
CARBON TETRACHLORIDE	< .03	.54	.0075	1.36
PERCHLOROETHYLENE	< .002	.16	.0081	.024
ETHYLENE DICHLORIDE	< .1	.04	ND	.002
DICHLOROPROPROPANE-1,2	< .1	ND		ND
TRICHLOROETHYLENE		ND	.0012	< .001
TRICHLORETHANE-1,1,1	< .1	.05		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.92	1.6	< .1	1.2
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	10.9	.6	< .1	.4
a-HEXACHLOROCYCLOHEXANE	< .1	.3	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	21.6	ND
TRICHLOROPHENOL-2,4,6	7	<1	25.3	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
[illegible]OROBENZENE				.002
[illegible]HEXACHLOROCYCLOHEXANE				

WELL NAME: 8S BS

COMPONENT	NOV77	AUG79	SEPT80	DEC81
METHYLENE CHLORIDE	< .25	.03	.092	.008
CHLOROFORM	< .03	2.16	.0015	.076
CARBON TETRACHLORIDE	.18	.07	1.48	1.12
PERCHLOROETHYLENE	< .002	.27	.0135	.014
ETHYLENE DICHLORIDE	< .1	.12	.0051	.002
DICHLOROPROPROPANE-1,2	< .1	ND		ND
TRICHLOROETHYLENE		ND	.0064	.003
TR1CHLORETHANE-1,1,1	< .1	.15		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	1.8	.2	.6
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	.8	.2	.1	ND
a-HEXACHLOROCYCLOHEXANE	< .1	< .2	ND	.3
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	.4
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1	72.7	ND
TRICHLOROPHENOL-2,4,6	34	ND	35.4	8
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	9	ND	36
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				.002
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 8S BS

COMPONENT	OCT82
METHYLENE CHLORIDE	.123
CHLOROFORM	.267
CARBON TETRACHLORIDE	.41
PERCHLOROETHYLENE	.009
ETHYLENE DICHLORIDE	.104
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	ND
TR1CHLORETHANE-1,1,1	ND
VINYL CHLORIDE	
HEXACHLOROETHANE	.02
HEXACHLOROBENZENE	< .02
HEXACHLOROBUTADIENE	< .01
a-HEXACHLOROCYCLOHEXANE	.5
g-HEXACHLOROCYCLONEXANE	.1
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	5.9
TRICHLOROPHENOL-2,4,6	
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	20.5
DICHLOROPHENOL-2,6	109.6
PARA(META)CHLOROPHENOL	
CHLOROBENZENE	
B-HEXACHLOROCYCLOHEXANE	.2

WELL NAME: 9S AD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.03	.0036	.027
CHLOROFORM	< .03	.08	.0021	.004
CARBON TETRACHLORIDE	< .03	.01	.0011	.005
PERCHLOROETHYLENE	.0045	.08	.0035	.001
ETHYLENE DICHLORIDE	< .1	TRACE	ND	.041
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	ND	ND	.0011	ND
TRICHLORETHANE-1,1,1	< .1	ND		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.66	< .2	5.3	.2
HEXACHLOROBENZENE	1.2	ND	ND	.5
HEXACHLOROBUTADIENE	4.3	< .2	.4	ND
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	222	56.8
TETRACHLOROPHENOL2,3,4,6	<10	ND	20.2	36.5
TRICHLOROPHENOL-2,4,6	< 1	ND	23.5	3.6
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	2.3
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE	.2			

WELL NAME: 9S AD

COMPONENT	MAY81	OCT82
METHYLENE CHLORIDE	.008	.017
CHLOROFORM	.006	.027
CARBON TETRACHLORIDE	.148	< .136
PERCHLOROETHYLENE	.006	.009
ETHYLENE DICHLORIDE	.002	.008
DICHLOROPROPROPANE-1,2	ND	ND
TRICHLOROETHYLENE	.001	ND
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	< .1	.01
HEXACHLOROBENZENE	1.7	< .02
HEXACHLOROBUTADIENE	.2	< .1
a-HEXACHLOROCYCLOHEXANE	ND	< .1
g-HEXACHLOROCYCLONEXANE	ND	.3
PENTACHLOROPHENOL	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	37
TRICHLOROPHENOL-2,4,6	ND	
TRICHLOROPHENOL-2,4,5		
DICHLOROPHENOL-2,4		
DICHLOROPHENOL-2,6	ND	56
PARA(META)CHLOROPHENOL	ND	ND
CHLOROBENZENE	< .001	.1
B-HEXACHLOROCYCLOHEXANE		

WELL NAME: 9S BS

COMPONENT	NOV77	AUG79	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	.02	.0046
CHLOROFORM	< .03	ND	.08	.026
CARBON TETRACHLORIDE	< .03	.025	.01	.0086
PERCHLOROETHYLENE	.0035	.003	.11	.0023
ETHYLENE DICHLORIDE	< .1	ND	TRACE	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE		ND	ND	.0016
TRICHLORETHANE-1,1,1	< .1	ND	ND	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	.72	.2	< .2	2.1
HEXACHLOROBENZENE	.72	2.4	ND	.1
HEXACHLOROBUTADIENE	3.9	1.7	< .2	.1
a-HEXACHLOROCYCLOHEXANE	< .1	2.2	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	212
TETRACHLOROPHENOL2,3,4,6	<10	<10	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	<10	ND	ND
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	<20	ND		
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 9S BS

COMPONENT	MARCH81
METHYLENE CHLORIDE	.001
CHLOROFORM	.003
CARBON TETRACHLORIDE	.005
PERCHLOROETHYLENE	.01
ETHYLENE DICHLORIDE	.049
DICHLOROPROPROPANE-1,2	
TRICHLOROETHYLENE	.001
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	.4
HEXACHLOROBENZENE	.4
HEXACHLOROBUTADIENE	< .1
a-HEXACHLOROCYCLOHEXANE	ND
g-HEXACHLOROCYCLONEXANE	ND
PENTACHLOROPHENOL	112
TETRACHLOROPHENOL2,3,4,6	5.1
TRICHLOROPHENOL-2,4,6	ND
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	
DICHLOROPHENOL-2,6	ND
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: 10S AD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	ND	.0142	.011
CHLOROFORM	< .03	.03	.0094	.004
CARBON TETRACHLORIDE	.04	.01	ND	.004
PERCHLOROETHYLENE	< .002	.09	.0014	.004
ETHYLENE DICHLORIDE	< .1	ND	ND	.108
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	.0008	ND
TRICHLORETHANE-1,1,1	< .1	ND		
VINYL CHLORIDE	< .1	< .2		
HEXACHLOROETHANE	.1	ND	< .1	< .1
HEXACHLOROBENZENE	< .01	.3	ND	< .1
HEXACHLOROBUTADIENE	.18	ND	< .1	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	115
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	ND	3.1
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	<1	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 10S AD

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.003	.004	.031
CHLOROFORM	.002	.003	< .006
CARBON TETRACHLORIDE	.018	.034	< .135
PERCHLOROETHYLENE	.012	.008	.019
ETHYLENE DICHLORIDE	ND	.103	< .005
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	ND	.019	
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.2	ND	.21
HEXACHLOROBENZENE	.2	ND	< .02
HEXACHLOROBUTADIENE	.1	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	ND	.1
g-HEXACHLOROCYCLONEXANE	ND	ND	.1
PENTACHLOROPHENOL	ND	ND	298
TETRACHLOROPHENOL2,3,4,6	ND	ND	54.7
TRICHLOROPHENOL-2,4,6	ND	ND	
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			
DICHLOROPHENOL-2,6	ND	ND	37.2
PARA(META)CHLOROPHENOL	ND	ND	
CHLOROBENZENE	ND	ND	
B-HEXACHLOROCYCLOHEXANE			< .1

WELL NAME: 10S BS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.01	.0142	.34
CHLOROFORM	< .03	.05	.0094	.94
CARBON TETRACHLORIDE	.04	ND	.0011	.013
PERCHLOROETHYLENE	< .002	.04	.0016	.006
ETHYLENE DICHLORIDE	< .1	ND	.0007	.114
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	.0006	.001
TR1CHLORETHANE-1,1,1	< .1	ND		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.46	7.4	< .1	.5
HEXACHLOROBENZENE	< .01	ND	ND	< .1
HEXACHLOROBUTADIENE	.94	.3	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	118
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	<1	15.9	3.6
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	<1	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 10S BS

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.003	.003	.042
CHLOROFORM	.003	.002	.072
CARBON TETRACHLORIDE	.051	.042	< .136
PERCHLOROETHYLENE	.088	.007	< .003
ETHYLENE DICHLORIDE	ND	.002	< .005
DICHLOROPROPROPANE-1,2	ND	ND	ND
TRICHLOROETHYLENE	ND	.005	ND
TR1CHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.3	ND	.37
HEXACHLOROBENZENE	1.4	ND	.02
HEXACHLOROBUTADIENE	.3	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	ND	.5
g-HEXACHLOROCYCLONEXANE	ND	ND	.2
PENTACHLOROPHENOL	ND	ND	250
TETRACHLOROPHENOL2,3,4,6	ND	ND	55.9
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			
DICHLOROPHENOL-2,6	ND	ND	37.2
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	ND	ND	ND
B-HEXACHLOROCYCLOHEXANE			< .1

WELL NAME: 11S AD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.17	.035	.33
CHLOROFORM	< .03	.1	.049	.14
CARBON TETRACHLORIDE	.32	TRACE	1.28	17.3
PERCHLOROETHYLENE	< .002	.02	.0025	.019
ETHYLENE DICHLORIDE	< .1	.05	.0023	.124
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	.0019	.007
TRICHLORETHANE-1,1,1	< .1	.04		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.2	ND	ND	.5
HEXACHLOROBENZENE	< .01	< .2	ND	< .1
HEXACHLOROBUTADIENE	2.1	< .2	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .3	< .2	ND	< .1
g-HEXACHLOROCYCLONEXANE	< .3	< .2	ND	.2
PENTACHLOROPHENOL	<30	<1	105	130
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	ND	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	<1	ND	ND
PARA(META)CHLOROPHENOL	<20	<1	ND	ND
CHLOROBENZENE			ND	
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 11S AD

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.019	.002	.008
CHLOROFORM	.018	.014	< .006
CARBON TETRACHLORIDE	1.08	1	< .0136
PERCHLOROETHYLENE	.004	.011	.012
ETHYLENE DICHLORIDE	.002	< .001	< .005
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	.002	.005	
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	1.8	ND	.1
HEXACHLOROBENZENE	1.9	ND	.01
HEXACHLOROBUTADIENE	.2	ND	.78
a-HEXACHLOROCYCLOHEXANE	4.8	ND	< .1
g-HEXACHLOROCYCLONEXANE	3.5	ND	.1
PENTACHLOROPHENOL	ND	ND	.5
TETRACHLOROPHENOL2,3,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND	13.5
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			
DICHLOROPHENOL-2,6	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	ND	< .001	
B-HEXACHLOROCYCLOHEXANE			.1

WELL NAME: 11S BS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.08	.021	3.5
CHLOROFORM	< .03	.08	.021	1.22
CARBON TETRACHLORIDE	1.3	TRACE	.92	7.69
PERCHLOROETHYLENE	< .002	.03	.0045	1.89
ETHYLENE DICHLORIDE	< .1	.03	.0029	.142
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	.0018	.093
TRICHLORETHANE-1,1,1	< .1	.05		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.4	< .2	ND	.2
HEXACHLOROBENZENE	< .01	< .2	< .1	ND
HEXACHLOROBUTADIENE	3.2	ND	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .3	< .2	ND	.1
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	89.3
TETRACHLOROPHENOL2,3,4,6	<10	<1	ND	47.7
TRICHLOROPHENOL-2,4,6	< 1	ND	1.8	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	1	.9	ND
PARA(META)CHLOROPHENOL	<20	<1	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 11S BS

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.002	.001	.003
CHLOROFORM	.007	.005	< .006
CARBON TETRACHLORIDE	.26	.178	< .136
PERCHLOROETHYLENE	.004	.004	< .003
ETHYLENE DICHLORIDE	ND	ND	< .005
DICHLOROPROPROPANE-1,2	ND	ND	ND
TRICHLOROETHYLENE	< .001	.001	ND
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.7	ND	.02
HEXACHLOROBENZENE	1.7	ND	.02
HEXACHLOROBUTADIENE	.3	ND	< .1
a-HEXACHLOROCYCLOHEXANE	5.6	ND	.2
g-HEXACHLOROCYCLONEXANE	4.4	ND	.2
PENTACHLOROPHENOL	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			
DICHLOROPHENOL-2,4			20
DICHLOROPHENOL-2,6	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	< .001	ND	
B-HEXACHLOROCYCLOHEXANE			.6

WELL NAME: 12S AD

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	.40	1.46	.05	.0033
CHLOROFORM	.33	ND	.04	.0012
CARBON TETRACHLORIDE	.25	.083	.01	.0081
PERCHLOROETHYLENE	.19	.188	1	.029
ETHYLENE DICHLORIDE	< .1	ND	.29	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	ND	.003
TRICHLORETHANE-1,1,1	< .1	ND	.02	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	10.4	23	.5	6
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	26.9	39.5	15	2.2
a-HEXACHLOROCYCLOHEXANE	7.5	9.4	2	< .1
g-HEXACHLOROCYCLONEXANE	5.75	9.9	1.9	ND
PENTACHLOROPHENOL	<30	166	ND	212
TETRACHLOROPHENOL2,3,4,6	<10	23.6	ND	55.6
TRICHLOROPHENOL-2,4,6	640	2004	ND	33.3
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	330	500		
DICHLOROPHENOL-2,6	180	116	51	25.3
PARA(META)CHLOROPHENOL	<20	ND	133	12.3
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 12S AD

COMPONENT	MARCH81	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.061	.022	.014	.028
CHLOROFORM	.018	.005	.022	.006
CARBON TETRACHLORIDE	.027	.006	.008	< .136
PERCHLOROETHYLENE	.089	.012	.029	< .011
ETHYLENE DICHLORIDE	.057	.005	.003	.005
DICHLOROPROPROPANE-1,2		ND	ND	ND
TRICHLOROETHYLENE	.005	.012	.037	ND
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	9.4	< .1	.2	.14
HEXACHLOROBENZENE	2.1	.4	ND	< .02
HEXACHLOROBUTADIENE	< .1	1.3	ND	.6
a-HEXACHLOROCYCLOHEXANE	ND	1	.3	1.7
g-HEXACHLOROCYCLONEXANE	ND	3.8	.3	2.1
PENTACHLOROPHENOL	89.3	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	32.5	ND	ND	ND
TRICHLOROPHENOL-2,4,6	17.1	9.9	81	ND
TRICHLOROPHENOL-2,4,5				ND
DICHLOROPHENOL-2,4				ND
DICHLOROPHENOL-2,6	3.4	10.1	103	ND
PARA(META)CHLOROPHENOL	ND	ND	ND	ND
CHLOROBENZENE		.001	ND	
B-HEXACHLOROCYCLOHEXANE				2

WELL NAME: 12S BS

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	2.73	1.44	12.69	13.1
CHLOROFORM	4.53	ND	.53	9.2
CARBON TETRACHLORIDE	3.2	3.63	.06	1.98
PERCHLOROETHYLENE	3.19	1.93	61.42	11.7
ETHYLENE DICHLORIDE	< .1	ND	42.7	.41
DICHLOROPROPROPANE-1,2	< .1	ND	ND	ND
TRICHLOROETHYLENE	< .1	ND	ND	.46
TRICHLORETHANE-1,1,1	< .1	ND	13.45	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	95.8	113	18	68
HEXACHLOROBENZENE	< .01	ND	39	ND
HEXACHLOROBUTADIENE	223	337	135	100
a-HEXACHLOROCYCLOHEXANE	124	150	32	4.2
g-HEXACHLOROCYCLONEXANE	49.3	66	30	ND
PENTACHLOROPHENOL	630	650	.8	ND
TETRACHLOROPHENOL2,3,4,6	270	346	1	169
TRICHLOROPHENOL-2,4,6	3620	10800	ND	12.7
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	2100	2730		
DICHLOROPHENOL-2,6	840	88	162	3.2
PARA(META)CHLOROPHENOL	<20	ND	16	70
CHLOROBENZENE		.001		
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 12S BS

COMPONENT	MARCH81	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	9.6	7.97	9.4	3.91
CHLOROFORM	6.9	5.59	6.5	12.1
CARBON TETRACHLORIDE	1.1	.3	.82	< .136
PERCHLOROETHYLENE	5.7	5.13	4.4	1.64
ETHYLENE DICHLORIDE	.38	.35	.43	1.34
DICHLOROPROPROPANE-1,2			ND	ND
TRICHLOROETHYLENE	.47	.25	.42	ND
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	44.1	7.8	2.3	34.92
HEXACHLOROBENZENE	ND	15	ND	1.46
HEXACHLOROBUTADIENE	1.7	53	16	46
a-HEXACHLOROCYCLOHEXANE	ND	53	56	54.4
g-HEXACHLOROCYCLONEXANE	ND	27	13.2	109
PENTACHLOROPHENOL	199	768	ND	149
TETRACHLOROPHENOL2,3,4,6	ND	220	ND	ND
TRICHLOROPHENOL-2,4,6	44.7	3330	25	36
TRICHLOROPHENOL-2,4,5				ND
DICHLOROPHENOL-2,4				266
DICHLOROPHENOL-2,6	264	212	135	43
PARA(META)CHLOROPHENOL	ND	ND	723	ND
CHLOROBENZENE		.095	.097	
B-HEXACHLOROCYCLOHEXANE				59.8

WELL NAME: 13 MW

COMPONENT	NOV77	AUG79	MAY81	DEC81
METHYLENE CHLORIDE	.13	1.13	157	28.9
CHLOROFORM	.45	5.74	164	40.6
CARBON TETRACHLORIDE	.09	.04	267	47.9
PERCHLOROETHYLENE	.043	7.77	14.3	26.2
ETHYLENE DICHLORIDE	< .1	129.49	19.1	28.3
DICHLOROPROPROPANE-1,2	< .1	< .1	2.88	ND
TRICHLOROETHYLENE	< .1	< .1	2.87	4.77
TRICHLORETHANE-1,1,1	< .1	2.86		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.64	.1	.6	21
HEXACHLOROBENZENE	< .01	49	ND	ND
HEXACHLOROBUTADIENE	3.46	.8	.7	23
a-HEXACHLOROCYCLOHEXANE	< .3	ND	ND	6.6
g-HEXACHLOROCYCLONEXANE	< .3	ND	.6	2
PENTACHLOROPHENOL	<30	7	1860	61.4
TETRACHLOROPHENOL2,3,4,6	<10	21	2020	124
TRICHLOROPHENOL-2,4,6	8300	ND	7270	1820
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	3980	2020		ND
DICHLOROPHENOL-2,6	2330	2020	596	1670
PARA(META)CHLOROPHENOL	<20	1656	ND	3640
CHLOROBENZENE			1.11	.82
B-HEXACHLOROCYCLOHEXANE				59.8

WELL NAME: 13 MW

COMPONENT	OCT82
METHYLENE CHLORIDE	31.2
CHLOROFORM	111.1
CARBON TETRACHLORIDE	32.6
PERCHLOROETHYLENE	1.3
ETHYLENE DICHLORIDE	17.9
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	ND
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	281
HEXACHLOROBENZENE	1610.7
HEXACHLOROBUTADIENE	< .1
a-HEXACHLOROCYCLOHEXANE	719.6
g-HEXACHLOROCYCLONEXANE	1006.7
PENTACHLOROPHENOL	1992
TETRACHLOROPHENOL2,3,4,6	545
TRICHLOROPHENOL-2,4,6	5851
TRICHLOROPHENOL-2,4,5	ND
DICHLOROPHENOL-2,4	4725
DICHLOROPHENOL-2,6	789
PARA(META)CHLOROPHENOL	47
CHLOROBENZENE	
B-HEXACHLOROCYCLOHEXANE	146

WELL NAME: 13S AD

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.01	.0183	.156
CHLOROFORM	< .03	.02	.006	.014
CARBON TETRACHLORIDE	< .03	.07	.0003	.021
PERCHLOROETHYLENE	< .002	.05	.0015	.087
ETHYLENE DICHLORIDE	< .1	ND	.0024	.156
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	.0004	.026
TR1CHLORETHANE-1,1,1	< .1	.01		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.02	ND	ND	< .1
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	.98	< .2	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	103
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	14.9
TRICHLOROPHENOL-2,4,6	< 1	ND	1.9	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 13S AD

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.02	.003	.004
CHLOROFORM	.044	.002	< .006
CARBON TETRACHLORIDE	.153	.014	< .136
PERCHLOROETHYLENE	.064	.002	< .003
ETHYLENE DICHLORIDE	ND	ND	< .005
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	< .001	< .001	
TR1CHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	.25	ND	.01
HEXACHLOROBENZENE	ND	ND	.03
HEXACHLOROBUTADIENE	.15	ND	< .1
a-HEXACHLOROCYCLOHEXANE	ND	ND	1.5
g-HEXACHLOROCYCLONEXANE	ND	ND	< .1
PENTACHLOROPHENOL	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,5			ND
DICHLOROPHENOL-2,4			ND
DICHLOROPHENOL-2,6	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	ND	ND	
B-HEXACHLOROCYCLOHEXANE			1.2

WELL NAME: 13S BS

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	ND	.0025	.011
CHLOROFORM	< .03	.02	.0013	.006
CARBON TETRACHLORIDE	< .03	.02	ND	.005
PERCHLOROETHYLENE	< .002	.09	.0006	.005
ETHYLENE DICHLORIDE	< .1	ND	ND	.153
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	< .0001	.001
TRICHLORETHANE-1,1,1	< .1	ND		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.02	ND	ND	< .1
HEXACHLOROBENZENE	< .01	ND	ND	< .1
HEXACHLOROBUTADIENE	1.2	ND	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	116
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	3.6
TRICHLOROPHENOL-2,4,6	< 1	ND	12.3	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 13S BS

COMPONENT	DEC81
METHYLENE CHLORIDE	.003
CHLOROFORM	.002
CARBON TETRACHLORIDE	.009
PERCHLOROETHYLENE	.002
ETHYLENE DICHLORIDE	< .001
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	< .001
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	ND
HEXACHLOROBENZENE	ND
HEXACHLOROBUTADIENE	ND
a-HEXACHLOROCYCLOHEXANE	ND
g-HEXACHLOROCYCLONEXANE	ND
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	ND
TRICHLOROPHENOL-2,4,6	ND
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	
DICHLOROPHENOL-2,6	ND
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	ND
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: 14 MW

COMPONENT	NOV77	AUG79	MAY81	DEC81
METHYLENE CHLORIDE	< .25	.03	.69	.09
CHLOROFORM	< .03	2.69	.38	.13
CARBON TETRACHLORIDE	< .03	TRACE	4.68	.67
PERCHLOROETHYLENE	.004	.37	.025	.16
ETHYLENE DICHLORIDE	< .1	.42	.009	.04
DICHLOROPROPROPANE-1,2	< .1	ND	ND	ND
TRICHLOROETHYLENE	< .1	ND	.003	.01
TRICHLORETHANE-1,1,1	< .1	.02		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	.5	< .2	.3	.2
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	1.7	.6	< .1	ND
a-HEXACHLOROCYCLOHEXANE	< .3	ND	.3	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	9.4	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<1	11.5	ND
TRICHLOROPHENOL-2,4,6	160	1	626	789
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	500			ND
DICHLOROPHENOL-2,6	160	3	253	306
PARA(META)CHLOROPHENOL	<20	202	ND	ND
CHLOROBENZENE		ND	.002	.009
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 14 MW

COMPONENT	OCT82
METHYLENE CHLORIDE	.01
CHLOROFORM	.012
CARBON TETRACHLORIDE	< .136
PERCHLOROETHYLENE	.003
ETHYLENE DICHLORIDE	.005
DICHLOROPROPROPANE-1,2	
TRICHLOROETHYLENE	
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	.08
HEXACHLOROBENZENE	28.83
HEXACHLOROBUTADIENE	.1
a-HEXACHLOROCYCLOHEXANE	23.3
g-HEXACHLOROCYCLONEXANE	< .1
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	14
TRICHLOROPHENOL-2,4,6	360.8
TRICHLOROPHENOL-2,4,5	1527
DICHLOROPHENOL-2,4	764
DICHLOROPHENOL-2,6	60.3
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	
B-HEXACHLOROCYCLOHEXANE	< .1

WELL NAME: 19 MW

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	.08	.024
CHLOROFORM	.49	ND	1.59	.7
CARBON TETRACHLORIDE	.03	.032	.02	ND
PERCHLOROETHYLENE	.04	.039	.68	.033
ETHYLENE DICHLORIDE	< .1	ND	31.02	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	ND	.0108
TRICHLORETHANE-1,1,1	< .1	ND	2.85	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	.3	3.3	.3	< .1
HEXACHLOROBENZENE	42.5	101	ND	ND
HEXACHLOROBUTADIENE	5.8	8.6	4.6	.4
a-HEXACHLOROCYCLOHEXANE	< .1	3.7	5.1	ND
g-HEXACHLOROCYCLONEXANE	< .3	1.7	3.1	ND
PENTACHLOROPHENOL	<30	470	ND	172
TETRACHLOROPHENOL2,3,4,6	<10	85	2	4500
TRICHLOROPHENOL-2,4,6	14800	51200	ND	2220
TRICHLOROPHENOL-2,4,5	< .001	ND		
DICHLOROPHENOL-2,4	5900	3840		
DICHLOROPHENOL-2,6	3400	600	4545	ND
PARA(META)CHLOROPHENOL	<20	ND	5555	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 19 MW

COMPONENT	DEC81	OCT82
METHYLENE CHLORIDE	.05	.031
CHLOROFORM	.97	.291
CARBON TETRACHLORIDE	.18	< .136
PERCHLOROETHYLENE	.09	.053
ETHYLENE DICHLORIDE	.03	.165
DICHLOROPROPROPANE-1,2	ND	
TRICHLOROETHYLENE	.02	
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	ND	.05
HEXACHLOROBENZENE	ND	1396.5
HEXACHLOROBUTADIENE	ND	.7
a-HEXACHLOROCYCLOHEXANE	ND	< .1
g-HEXACHLOROCYCLONEXANE	ND	< .1
PENTACHLOROPHENOL	ND	15.9
TETRACHLOROPHENOL2,3,4,6	ND	9.6
TRICHLOROPHENOL-2,4,6	211	2001
TRICHLOROPHENOL-2,4,5		ND
DICHLOROPHENOL-2,4	ND	580
DICHLOROPHENOL-2,6	358	198
PARA(META)CHLOROPHENOL	ND	.8
CHLOROBENZENE	.26	3.4
B-HEXACHLOROCYCLOHEXANE		

WELL NAME: 26 MW

COMPONENT	NOV77	AUG78	SEPT80	DEC81
METHYLENE CHLORIDE	.43	ND	.0018	.016
CHLOROFORM	.06	ND	.0033	.04
CARBON TETRACHLORIDE	.1	.035	ND	.025
PERCHLOROETHYLENE	.027	.004	.021	.05
ETHYLENE DICHLORIDE	< .1	ND	ND	.009
DICHLOROPROPROPANE-1,2	< .1	ND		ND
TRICHLOROETHYLENE	< .1	ND	.059	.016
TRICHLORETHANE-1,1,1	< .1	ND		
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	1.7	1.6	< .1	.1
HEXACHLOROBENZENE	< .01	1.8	ND	ND
HEXACHLOROBUTADIENE	33.8	39	ND	.1
a-HEXACHLOROCYCLOHEXANE	1.7	1.7	3.3	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	186	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	20	20	88.9	16
TRICHLOROPHENOL-2,4,5	< .001	ND		
DICHLOROPHENOL-2,4	180	21.6		ND
DICHLOROPHENOL-2,6	30	ND	11.2	612
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				.004
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 26 MW

COMPONENT	OCT82
METHYLENE CHLORIDE	.17
CHLOROFORM	< .006
CARBON TETRACHLORIDE	< .136
PERCHLOROETHYLENE	.006
ETHYLENE DICHLORIDE	< .005
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	ND
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	.21
HEXACHLOROBENZENE	< .02
HEXACHLOROBUTADIENE	.2
a-HEXACHLOROCYCLOHEXANE	2.2
g-HEXACHLOROCYCLONEXANE	1.7
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	ND
TRICHLOROPHENOL-2,4,6	ND
TRICHLOROPHENOL-2,4,5	ND
DICHLOROPHENOL-2,4	30.3
DICHLOROPHENOL-2,6	124
PARA(META)CHLOROPHENOL	2060
CHLOROBENZENE	1
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: 27A

COMPONENT	NOV77	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	.01	.0029
CHLOROFORM	.1	ND	.71	.0033
CARBON TETRACHLORIDE	.13	.027	ND	ND
PERCHLOROETHYLENE	.42	.007	.38	.027
ETHYLENE DICHLORIDE	< .1	ND	.08	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	ND	.0003
TRICHLORETHANE-1,1,1	< .1	ND	.03	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	880	46.7	9.2	10.5
HEXACHLOROBENZENE	12.6	4.1	1.9	ND
HEXACHLOROBUTADIENE	2050	51.5	149	62
a-HEXACHLOROCYCLOHEXANE	15.9	.8	4.2	ND
g-HEXACHLOROCYCLONEXANE	.55	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	<1	13
TRICHLOROPHENOL-2,4,6	20	<10	ND	20.2
TRICHLOROPHENOL-2,4,5		ND		
DICHLOROPHENOL-2,4	<20	ND		
DICHLOROPHENOL-2,6	<20	ND	4	687
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE		1		
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 27A

COMPONENT	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	.003	.016	.006
CHLOROFORM	.003	.009	< .006
CARBON TETRACHLORIDE	.037	.025	< .136
PERCHLOROETHYLENE	.003	.024	< .003
ETHYLENE DICHLORIDE	ND	.006	< .005
DICHLOROPROPROPANE-1,2	ND	ND	
TRICHLOROETHYLENE	< .001	< .001	
TRICHLORETHANE-1,1,1			
VINYL CHLORIDE			
HEXACHLOROETHANE	1.25	2.2	1.57
HEXACHLOROBENZENE	.6	ND	< .02
HEXACHLOROBUTADIENE	6.5	ND	.2
a-HEXACHLOROCYCLOHEXANE	.9	ND	.2
g-HEXACHLOROCYCLONEXANE	ND	ND	.4
PENTACHLOROPHENOL	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND	ND
TRICHLOROPHENOL-2,4,6	ND	6.5	ND
TRICHLOROPHENOL-2,4,5			ND
DICHLOROPHENOL-2,4		ND	ND
DICHLOROPHENOL-2,6	ND	ND	ND
PARA(META)CHLOROPHENOL	ND	ND	ND
CHLOROBENZENE	ND	.001	
B-HEXACHLOROCYCLOHEXANE			< .1

WELL NAME: 27B

COMPONENT	NOV77	AUG78	SEPT80
METHYLENE CHLORIDE	< .25	ND	.163
CHLOROFORM	.75	ND	.28
CARBON TETRACHLORIDE	1.5	.062	.92
PERCHLOROETHYLENE	2.61	.299	1.95
ETHYLENE DICHLORIDE	< .1	ND	.029
DICHLOROPROPROPANE-1,2	< .1	ND	
TRICHLOROETHYLENE	< .1	ND	.3
TRICHLORETHANE-1,1,1	< .1	ND	
VINYL CHLORIDE	< .1	ND	
HEXACHLOROETHANE	6200	1180	80
HEXACHLOROBENZENE	560	36.5	ND
HEXACHLOROBUTADIENE	57500	4150	250
a-HEXACHLOROCYCLOHEXANE	< .1	2	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND
PENTACHLOROPHENOL	170	52.2	125
TETRACHLOROPHENOL2,3,4,6	<10	78.6	49.5
TRICHLOROPHENOL-2,4,6	1400	880	60.6
TRICHLOROPHENOL-2,4,5	140	ND	
DICHLOROPHENOL-2,4	320	12	
DICHLOROPHENOL-2,6	9200	ND	1230
PARA(META)CHLOROPHENOL	<20	ND	ND
CHLOROBENZENE			
B-HEXACHLOROCYCLOHEXANE			< .1

WELL NAME: 29 IW

COMPONENT	JAN78	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	< .25	ND	3.25	.58
CHLOROFORM	< .03	.002	3.26	.93
CARBON TETRACHLORIDE	.04	.3	.07	.36
PERCHLOROETHYLENE	.016	.005	7.58	.55
ETHYLENE DICHLORIDE	< .1	< .1	11.15	.191
DICHLOROPROPROPANE-1,2	< .1	< .1	1.65	
TRICHLOROETHYLENE	< .1	< .1	4.02	.032
TRICHLORETHANE-1,1,1	< .1	< .1	9.38	
VINYL CHLORIDE	< .1	< .1		
HEXACHLOROETHANE	1.7	.2	2.5	8.2
HEXACHLOROBENZENE	< .01	1.3	ND	ND
HEXACHLOROBUTADIENE	47.5	1.8	66	84
a-HEXACHLOROCYCLOHEXANE	.55	.9	3.1	.3
g-HEXACHLOROCYCLONEXANE	< .3	ND	1.9	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	<10	<1	101
TRICHLOROPHENOL-2,4,6	5	ND	<1	556
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	18	ND		
DICHLOROPHENOL-2,6	<20	ND	ND	45.5
PARA(META)CHLOROPHENOL	<20	ND	2	189
[illegible]OROBENZENE				
[illegible]EXACHLOROCYCLOHEXANE				

WELL NAME: 29 IW

COMPONENT	MARCH80	MAY81	DEC81	OCT82
METHYLENE CHLORIDE	1.1	2.58	.22	1.12
CHLOROFORM	1.9	2.44	2.6	1.92
CARBON TETRACHLORIDE	.53	4.53	.33	4.87
PERCHLOROETHYLENE	.6	.9	.68	.54
ETHYLENE DICHLORIDE	.55	1.02	.98	.45
DICHLOROPROPROPANE-1,2	ND	ND	.117	ND
TRICHLOROETHYLENE	.1	.093	.132	ND
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	1.2	2.3	.9	2.12
HEXACHLOROBENZENE	ND	ND	ND	24.38
HEXACHLOROBUTADIENE	100	10.5	.9	100.6
a-HEXACHLOROCYCLOHEXANE	ND	.7	.6	< .1
g-HEXACHLOROCYCLONEXANE	1.4	.5	.5	< .1
PENTACHLOROPHENOL	ND	ND	ND	860
TETRACHLOROPHENOL2,3,4,6	.2	ND	ND	80
TRICHLOROPHENOL-2,4,6	.2	424	326	1430
[illegible]CHLOROPHENOL-2,4,5	ND			
[illegible]CHLOROPHENOL-2,4	ND			2300
DICHLOROPHENOL-2,6	121	86.7	422	1180
PARA(META)CHLOROPHENOL	363	ND	ND	180
CHLOROBENZENE		.029	.022	
B-HEXACHLOROCYCLOHEXANE				.5

WELL NAME: 30 IW

COMPONENT	JAN78	MAY79	JULY79	SEPT79
METHYLENE CHLORIDE	17.5		34.47	5.27
CHLOROFORM	6.4	13.1	9.09	6.74
CARBON TETRACHLORIDE	6.2	9.3	.18	1.04
PERCHLOROETHYLENE	29.4	15.4	179.76	6.01
ETHYLENE DICHLORIDE	< .1		146.69	.27
DICHLOROPROPROPANE-1,2	< .1		ND	ND
TRICHLOROETHYLENE	< .1		.31	ND
TRICHLORETHANE-1,1,1	< .1		18.03	
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	2870	98.7	2550	38
HEXACHLOROBENZENE	5.6	1.3	25	12
HEXACHLOROBUTADIENE	676	39.8	2563	115
a-HEXACHLOROCYCLOHEXANE	30.3	1.4	170	11
g-HEXACHLOROCYCLONEXANE	126	1	155	13
PENTACHLOROPHENOL	1299	1700	ND	6.2
TETRACHLOROPHENOL2,3,4,6	181	400	14	.7
TRICHLOROPHENOL-2,4,6	14.7	820	81	ND
TRICHLOROPHENOL-2,4,5	< .001			
DICHLOROPHENOL-2,4	6080	5200		
DICHLOROPHENOL-2,6	3510		ND	3.4
PARA(META)CHLOROPHENOL	<20	500	2	14.1
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				.5

WELL NAME: 30 IW

COMPONENT	MARCH80	SEPT80	MAY81	DEC81
METHYLENE CHLORIDE	10.6	4.36	3.66	16.7
CHLOROFORM	2.7	1.62	6.73	35
CARBON TETRACHLORIDE	2.8	8.14	11.2	15
PERCHLOROETHYLENE	13.4	10.28	12.2	19.1
ETHYLENE DICHLORIDE	.35	.101	.96	19
DICHLOROPROPROPANE-1,2			ND	12.1
TRICHLOROETHYLENE	.22	.206	.52	1.91
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	800	270	870	264
HEXACHLOROBENZENE	ND	ND	60	12
HEXACHLOROBUTADIENE	1600	370	159	48
a-HEXACHLOROCYCLOHEXANE	23	9.6	14.1	3.5
g-HEXACHLOROCYCLONEXANE	13	ND	14	1.9
PENTACHLOROPHENOL	ND	ND	86.9	351
TETRACHLOROPHENOL2,3,4,6	.6	434	80.8	10.5
TRICHLOROPHENOL-2,4,6	2.4	354	5350	1230
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4				
DICHLOROPHENOL-2,6	1770	2730	333	605
PARA(META)CHLOROPHENOL	1010	1500	ND	851
CHLOROBENZENE			.047	.34
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 31 IW

COMPONENT	JAN78	AUG78	JULY79	SEPT79
METHYLENE CHLORIDE	10.8	.52	13.44	.73
CHLOROFORM	10.1	3.13	.57	3.57
CARBON TETRACHLORIDE	4.2	.84	.02	1.38
PERCHLOROETHYLENE	3.86	1.49	77.24	4.18
ETHYLENE DICHLORIDE	< .1	< .1		.53
DICHLOROPROPROPANE-1,2	< .1	< .1	ND	
TRICHLOROETHYLENE	< .1	< .1	ND	ND
TRICHLORETHANE-1,1,1	< .1	< .1		
VINYL CHLORIDE	< .1	< .1		
HEXACHLOROETHANE	1310	1260	1510	170
HEXACHLOROBENZENE	5.6	ND	ND	16.5
HEXACHLOROBUTADIENE	1720	1350	1550	405
a-HEXACHLOROCYCLOHEXANE	227	257	2500	52
g-HEXACHLOROCYCLONEXANE	282	415	269	52
PENTACHLOROPHENOL	6908	660	ND	5.2
TETRACHLOROPHENOL2,3,4,6	547	94	2	.5
TRICHLOROPHENOL-2,4,6	10500	25000	ND	.5
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	5090	4200	117	
DICHLOROPHENOL-2,6	2560	1700	2070	156
PARA(META)CHLOROPHENOL	<20	ND	525	424
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 31 IW

COMPONENT	MARCH80	SEPT80	MAY81	DEC81
METHYLENE CHLORIDE	7.8	3.11	.65	1.85
CHLOROFORM	5.8	3.08	1.07	3.6
CARBON TETRACHLORIDE	5.9	20.6	11	.94
PERCHLOROETHYLENE	5.1	6.86	3.61	4.9
ETHYLENE DICHLORIDE	.8	.24	.23	.24
DICHLOROPROPROPANE-1,2			ND	ND
TRICHLOROETHYLENE	.35	.256	.12	.36
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	3300	580	405	115
HEXACHLOROBENZENE	ND	ND	8.7	2.6
HEXACHLOROBUTADIENE	1180	520	138	42
a-HEXACHLOROCYCLOHEXANE	115	ND	42	9.6
g-HEXACHLOROCYCLONEXANE	110	ND	29.3	6.6
PENTACHLOROPHENOL	14.1	ND	49.5	ND
TETRACHLOROPHENOL2,3,4,6	1.6	145	22.2	4
TRICHLOROPHENOL-2,4,6	3.4	444	6060	140
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4		34		
DICHLOROPHENOL-2,6	1920	2320	434	496
PARA(META)CHLOROPHENOL	1100	1100	ND	ND
CHLOROBENZENE			.21	.22
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 32 IW

COMPONENT	JAN78	MAY79	JULY79	SEPT79
METHYLENE CHLORIDE	.1		.1	.04
CHLOROFORM	.43	.54	ND	.35
CARBON TETRACHLORIDE	.07	.073	.01	.24
PERCHLOROETHYLENE	.177	.08	.47	.12
ETHYLENE DICHLORIDE	< .1		7.04	.19
DICHLOROPROPROPANE-1,2	< .1		ND	
TRICHLOROETHYLENE	< .1		ND	
TRICHLORETHANE-1,1,1	< .1		1.29	
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	9.4	12.8	.2	17
HEXACHLOROBENZENE	< .01	.2	< .2	.2
HEXACHLOROBUTADIENE	44.2	3.7	52	.6
a-HEXACHLOROCYCLOHEXANE	1.1	.5	.9	ND
g-HEXACHLOROCYCLONEXANE	1.5	.3	ND	1.7
PENTACHLOROPHENOL	240	1400	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	200	1	.3
TRICHLOROPHENOL-2,4,6	2790	1000	ND	.5
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	7290	8200		
DICHLOROPHENOL-2,6	2380		4040	858
PARA(META)CHLOROPHENOL	<20	1090	5252	707
CHLOROBENZENE				.34
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 32 IW

COMPONENT	MARCH80	SEPT80	MAY81	DEC81
METHYLENE CHLORIDE	.03	.149	.61	.27
CHLOROFORM	.23	.205	.56	1.07
CARBON TETRACHLORIDE	.16	.056	.29	1.48
PERCHLOROETHYLENE	.06	.05	.094	.55
ETHYLENE DICHLORIDE	.14	.111	.31	.19
DICHLOROPROPROPANE-1,2			ND	ND
TRICHLOROETHYLENE	.01	.0082	.024	.05
TRICHLORETHANE-1,1,1				
VINYL CHLORIDE				
HEXACHLOROETHANE	ND	.1	12	4.1
HEXACHLOROBENZENE	.3	ND	68	68
HEXACHLOROBUTADIENE	1.1	.3	1.2	1.1
a-HEXACHLOROCYCLOHEXANE	.5	ND	5.2	1.7
g-HEXACHLOROCYCLONEXANE	ND	ND	9.8	2.3
PENTACHLOROPHENOL	ND	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	.2	323	ND	1
TRICHLOROPHENOL-2,4,6	2.9	646	7470	114
TRICHLOROPHENOL-2,4,5				
DICHLOROPHENOL-2,4				
DICHLOROPHENOL-2,6	1820	ND	606	46.5
PARA(META)CHLOROPHENOL	1030	ND	ND	ND
CHLOROBENZENE			.068	ND
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 33 IW

COMPONENT	JAN78	AUG79	AUG80	SEPT80
METHYLENE CHLORIDE	.08	.07	ND	.13
CHLOROFORM	.48	.15	ND	.185
CARBON TETRACHLORIDE	.08	.01	.029	ND
PERCHLOROETHYLENE	.055	.01	.003	.0091
ETHYLENE DICHLORIDE	< .1	.77	ND	ND
DICHLOROPROPROPANE-1,2	< .1	ND	ND	ND
TRICHLOROETHYLENE	< .1	ND	ND	.0009
TRICHLORETHANE-1,1,1	< .1	.02	ND	
VINYL CHLORIDE	< .1		ND	
HEXACHLOROETHANE	7.2	.5	6.1	< .1
HEXACHLOROBENZENE	< .01	ND	1	ND
HEXACHLOROBUTADIENE	32.4	1	9.3	.2
a-HEXACHLOROCYCLOHEXANE	< .3	ND	.6	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	60.1
TETRACHLOROPHENOL2,3,4,6	53.7	ND	ND	98
TRICHLOROPHENOL-2,4,6	30500	ND	23.4	71.6
TRICHLOROPHENOL-2,4,5	< 1		15.6	
DICHLOROPHENOL-2,4	11500		21.4	
DICHLOROPHENOL-2,6	6320	2	ND	ND
PARA(META)CHLOROPHENOL	20	8	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 33 IW

COMPONENT	DEC81	OCT82
METHYLENE CHLORIDE	.62	.045
CHLOROFORM	.34	.036
CARBON TETRACHLORIDE	.036	< .136
PERCHLOROETHYLENE	.026	.161
ETHYLENE DICHLORIDE	.002	< .005
DICHLOROPROPROPANE-1,2	ND	
TRICHLOROETHYLENE	.002	
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	< .1	.01
HEXACHLOROBENZENE	ND	799.37
HEXACHLOROBUTADIENE	< .1	1.5
a-HEXACHLOROCYCLOHEXANE	ND	< .1
g-HEXACHLOROCYCLONEXANE	ND	< .1
PENTACHLOROPHENOL	ND	
TETRACHLOROPHENOL2,3,4,6	96	
TRICHLOROPHENOL-2,4,6	120	8194
TRICHLOROPHENOL-2,4,5		ND
DICHLOROPHENOL-2,4		16672
DICHLOROPHENOL-2,6	157	3684
PARA(META)CHLOROPHENOL	ND	146
CHLOROBENZENE	ND	
B-HEXACHLOROCYCLOHEXANE		< .1

WELL NAME: 34 IW

COMPONENT	JAN78	AUG78	AUG79	SEPT80
METHYLENE CHLORIDE	.38	ND	.41	.13
CHLOROFORM	1.3	ND	.26	.138
CARBON TETRACHLORIDE	.07	.026	TRACE	ND
PERCHLOROETHYLENE	.84	.121	1.63	.42
ETHYLENE DICHLORIDE	< .1	ND	ND	.37
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	ND	.105
TRICHLORETHANE-1,1,1	< .1	ND	1.94	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	10.6	2.9	< .2	< .1
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	180	2.9	12	.9
a-HEXACHLOROCYCLOHEXANE	1.1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	289	720	ND	198
TETRACHLOROPHENOL2,3,4,6	75	108	<1	3030
TRICHLOROPHENOL-2,4,6	7840	17800	ND	2480
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	4260	2440		
DICHLOROPHENOL-2,6	2100	1360	1293	ND
PARA(META)CHLOROPHENOL	< 20	ND	354	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 7 WW

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	ND	.0055	.018
CHLOROFORM	.06	5.87	.071	.195
CARBON TETRACHLORIDE	.12	.05	.177	.005
PERCHLOROETHYLENE	.0019	.26	.026	.003
ETHYLENE DICHLORIDE	< .1	.15	.025	.036
DICHLOROPROPROPANE-1,2	< .1	ND		
TRICHLOROETHYLENE	< .1	ND	.0003	ND
TRICHLORETHANE-1,1,1	< .1	.42		
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	.9	.3	< .1
HEXACHLOROBENZENE	< .01	ND	ND	< .1
HEXACHLOROBUTADIENE	< .01	< .2	ND	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	3	ND	114
TETRACHLOROPHENOL2,3,4,6	<10	4	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	ND	ND
TRICHLOROPHENOL-2,4,5	< 1			
DICHLOROPHENOL-2,4	<20			
DICHLOROPHENOL-2,6	<20	ND	ND	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 7 WW

COMPONENT	MAY81	DEC81
METHYLENE CHLORIDE	.001	< .001
CHLOROFORM	.003	< .001
CARBON TETRACHLORIDE	.005	.004
PERCHLOROETHYLENE	.002	.001
ETHYLENE DICHLORIDE	ND	ND
DICHLOROPROPROPANE-1,2	ND	ND
TRICHLOROETHYLENE	ND	ND
TRICHLORETHANE-1,1,1		
VINYL CHLORIDE		
HEXACHLOROETHANE	.4	.2
HEXACHLOROBENZENE	.2	.8
HEXACHLOROBUTADIENE	< .2	< .1
a-HEXACHLOROCYCLOHEXANE	ND	ND
g-HEXACHLOROCYCLONEXANE	ND	ND
PENTACHLOROPHENOL	ND	ND
TETRACHLOROPHENOL2,3,4,6	ND	ND
TRICHLOROPHENOL-2,4,6	ND	10
TRICHLOROPHENOL-2,4,5		
DICHLOROPHENOL-2,4		
DICHLOROPHENOL-2,6	ND	ND
PARA(META)CHLOROPHENOL	ND	ND
CHLOROBENZENE	ND	
B-HEXACHLOROCYCLOHEXANE		

WW

WELL NAME: 9 WW

COMPONENT	DEC81
METHYLENE CHLORIDE	< .001
CHLOROFORM	< .001
CARBON TETRACHLORIDE	.004
PERCHLOROETHYLENE	.001
ETHYLENE DICHLORIDE	ND
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	ND
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	ND
HEXACHLOROBENZENE	ND
HEXACHLOROBUTADIENE	ND
a-HEXACHLOROCYCLOHEXANE	ND
g-HEXACHLOROCYCLONEXANE	ND
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	ND
TRICHLOROPHENOL-2,4,6	2.5
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	
DICHLOROPHENOL-2,6	ND
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: 10 WW

COMPONENT	NOV77	AUG79	SEPT80	MARCH81
METHYLENE CHLORIDE	< .25	.01	.0021	.021
CHLOROFORM	< .03	.03	.0016	.108
CARBON TETRACHLORIDE	< .03	TRACE	ND	.007
PERCHLOROETHYLENE	< 2	.02	.0007	.004
ETHYLENE DICHLORIDE	< .1	.08	.02	.037
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	< .0001	ND
TRICHLORETHANE-1,1,1	< .1	.02	1.94	
VINYL CHLORIDE	< .1	ND		
HEXACHLOROETHANE	< .01	.3	.2	ND
HEXACHLOROBENZENE	< .01	ND	ND	< .1
HEXACHLOROBUTADIENE	< .01	ND	< .1	< .1
a-HEXACHLOROCYCLOHEXANE	< .3	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	26.3	ND
TRICHLOROPHENOL-2,4,6	< 1	ND	3.5	ND
TRICHLOROPHENOL-2,4,5	< 1	ND		
DICHLOROPHENOL-2,4	<20	2440		
DICHLOROPHENOL-2,6	<20	ND	3.2	ND
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE				
B-HEXACHLOROCYCLOHEXANE				

WELL NAME: 10 WW

COMPONENT	MAY81
METHYLENE CHLORIDE	.001
CHLOROFORM	.003
CARBON TETRACHLORIDE	.01
PERCHLOROETHYLENE	.003
ETHYLENE DICHLORIDE	ND
DICHLOROPROPROPANE-1,2	ND
TRICHLOROETHYLENE	ND
TRICHLORETHANE-1,1,1	
VINYL CHLORIDE	
HEXACHLOROETHANE	.5
HEXACHLOROBENZENE	.2
HEXACHLOROBUTADIENE	.3
a-HEXACHLOROCYCLOHEXANE	.3
g-HEXACHLOROCYCLONEXANE	ND
PENTACHLOROPHENOL	ND
TETRACHLOROPHENOL2,3,4,6	ND
TRICHLOROPHENOL-2,4,6	ND
TRICHLOROPHENOL-2,4,5	
DICHLOROPHENOL-2,4	
DICHLOROPHENOL-2,6	ND
PARA(META)CHLOROPHENOL	ND
CHLOROBENZENE	ND
B-HEXACHLOROCYCLOHEXANE	

WELL NAME: CITY WATER

COMPONENT	NOV77	AUG78	AUG79	MARCH81
METHYLENE CHLORIDE	< .25	ND	TRACE	.005
CHLOROFORM	< .03	ND	.01	.294
CARBON TETRACHLORIDE	< .03	.11	.01	.002
PERCHLOROETHYLENE	< .002	6.7	.02	.003
ETHYLENE DICHLORIDE	< .1	ND	.64	.029
DICHLOROPROPROPANE-1,2	< .1	ND	ND	
TRICHLOROETHYLENE	< .1	ND	ND	ND
TRICHLORETHANE-1,1,1	< .1	ND	.06	
VINYL CHLORIDE	< .1			
HEXACHLOROETHANE	< .01	.5	1.1	.2
HEXACHLOROBENZENE	< .01	ND	ND	ND
HEXACHLOROBUTADIENE	< .01	ND	< .2	< .1
a-HEXACHLOROCYCLOHEXANE	< .1	ND	ND	ND
g-HEXACHLOROCYCLONEXANE	< .3	ND	ND	ND
PENTACHLOROPHENOL	<30	ND	ND	ND
TETRACHLOROPHENOL2,3,4,6	<10	ND	ND	ND
TRICHLOROPHENOL-2,4,6	< 1	8.3	ND	ND
TRICHLOROPHENOL-2,4,5	< 1	ND	ND	
DICHLOROPHENOL-2,4	<20	ND	ND	
DICHLOROPHENOL-2,6	<20	ND	<1	1.6
PARA(META)CHLOROPHENOL	<20	ND	ND	ND
CHLOROBENZENE		ND		
B-HEXACHLOROCYCLOHEXANE				

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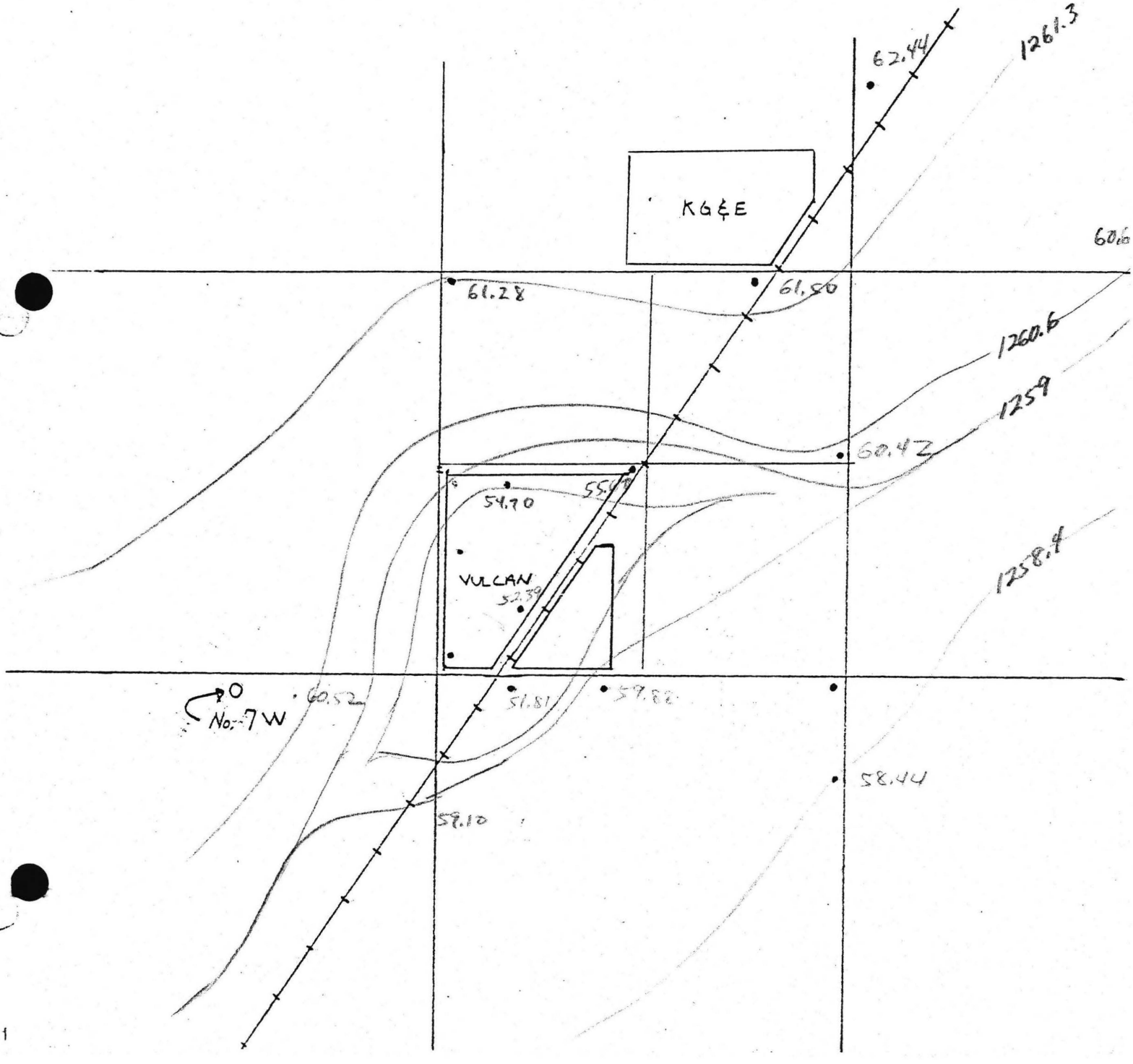

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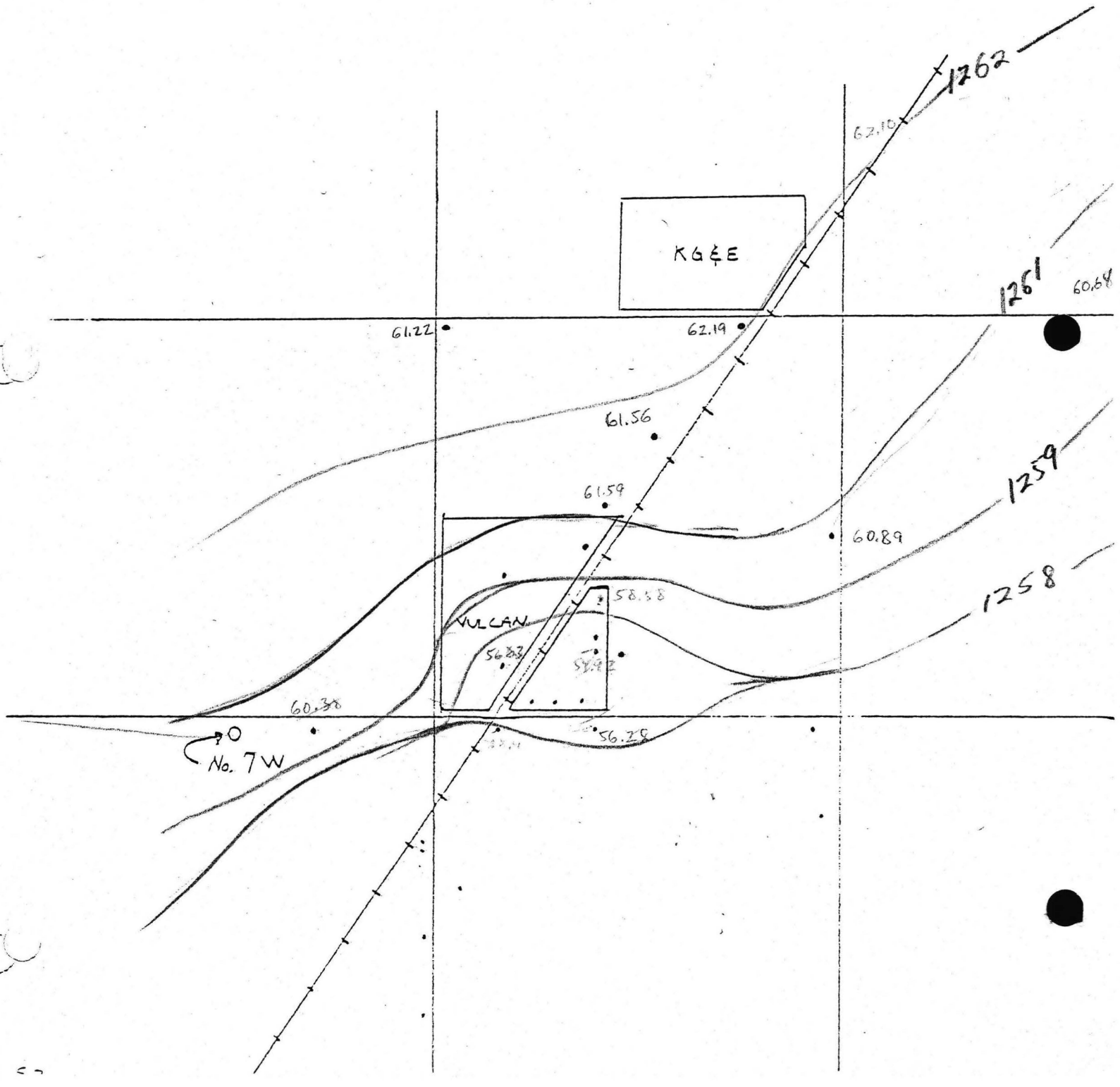
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