APPENDIX G
NUS/FIT ANALYTICAL RESULTS

The following Appendix presents the analytical tables discussed in Chapter 5. Twenty-five tables are included as follows:

Table 1: NUS/FIT Analytical Screening Results of NUS/FIT Initial Groundwater Sampling Round, August, 1984.

Table 2: NUS/FIT Analytical Screening Results; Recently Installed Wells

Table 3 & 3a: CLP Volatile Organic Analytical Results, NUS/FIT April, 1985 Sampling Round

Table 4 & 4a: CLP Volatile Organic Analytical Results, NUS/FIT May, 1985 Sampling Round

Table 5 & 5a CLP Volatile Organic Analytical Results, NUS/FIT June, 1985 Sampling Round

Table 6: Mean Concentrations of Selected Volatile Organic Compounds from the NUS/FIT Final Sampling Rounds (April, May, and June, 1985)

Table 7: CLP Extractable Organic Analytical Results, NUS/FIT April, 1985 Sampling Round

Table 8: CLP Extractable Organic Analytical Results, NUS/FIT May, 1985 Sampling Round

Table 9: CLP Extractable Organic Analytical Results, NUS/FIT June, 1985 Sampling Round

Table 10: Groundwater CLP Inorganic Analytical Results, NUS/FIT April, 1985 Sampling Round.

Table 11: Groundwater CLP Inorganic Analytical Results, NUS/FIT May, 1985 Sampling Round.

Table 12: Groundwater CLP Inorganic Analytical Results, NUS/FIT June, 1985 Sampling Round.

Table 13: The Distribution of Elements in Groundwater from the Bedrock and Overburden Aquifers.

Table 14: The Ocurrences of Inorganic Elements in NUS/FIT Groundwater Sampling Rounds.

Table 15: Element Concentration in Groundwater.

TABLE 1
NUS/FIT ANALYTICAL SCREENING RESULTS OF
NUS/FIT INITIAL GROUNDWATER SAMPLING ROUND
AUGUST, 1984

SAMPLE NUMBER SAMPLE LOCATION	77578 S-11	77568 S-8	77569 S-8	11211 S-21	11210 S-22	77579 GW-3S	77580 GW-3S	76270 GW-3D	77581 GW-4S	77582 GW-4D
Tentative Identification										
trichloroethene	**	**	**	***	**	***	***	****	**	***
trans-1,2-dichloroethene	-	-	-	-	-	-	-	-	-	-
tetrachloroethene	**	**	**	**	-	**	**	**	-	*
benzene	-	-	-	-	-	-	-	-	-	-
toluene	-	-	-	-	-	-	-	-	-	-
ethylbenzene	-	-	-	-	-	-	-	-	-	-
m-xylene	-	-	-	-	-	-	-	-	-	-
o-xylene	-	-	-	-	-	-	-	-	-	-

ppb

<10.0	*
10-100	**
100-300	***
300-600	****
600-1000	*****
>1000	******
-	- not detected

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 1
NUS/FIT ANALYTICAL SCREENING RESULTS OF NUS/FIT
INITIAL GROUNDWATER SAMPLING ROUND
AUGUST, 1984
PAGE TWO

SAMPLE NUMBER SAMPLE LOCATION	77502 BSW-1	77503 BW-1	76274 BSW-2	76275 BW-3	76276 BW-3	77501 BW-5	76277 S-46
Tentative Identification							
trichloroethene	***	-	*	**	**	***	***
trans-1,2-dichloroethene	-	-	-	*	*	-	*
tetrachloroethene	**	-	-	-	*	-	**
benzene	-	-	-	*	*	-	*
toluene	-	-	-	-	-	-	-
ethylbenzene	-	-	-	-	-	-	-
m-xylene	-	-	-	-	-	-	-
o-xylene	-	-	-	-	-	-	-

ppb	
<10.0	*
10-100	**
100-300	***
300-600	****
600-1000	*****
>1000	******
-	- not detected

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 1
NUS/FIT ANALYTICAL SCREENING RESULTS OF NUS/FIT
INITIAL GROUNDWATER SAMPLING ROUND
AUGUST, 1984
PAGE THREE

SAMPLE NUMBER	77566	77565	77519	77567	77515	77517	77522	77521	77516	77520
SAMPLE LOCATION	S-5	S-6	S-60	OW-8	OW-7	OW-7	OW-20	OW-20A	OW-19	OW-19A
Tentative Identification										
trichloroethene	-	*	-	*	**	**	**	*	**	*
trans-1,2-dichloroethene	-	-	-	-	-	-	-	-	-	-
tetrachloroethene	*	***	-	-	*	-	-	*	-	-
benzene	-	-	-	*	-	-	-	-	-	-
toluene	-	-	-	*	-	-	-	-	-	-
ethylbenzene	-	-	-	-	-	-	-	-	-	-
m-xylene	-	-	-	-	-	-	-	-	-	-
o-xylene	-	-	-	-	-	-	-	-	-	-

ppb	
<10.0	*
10-100	**
100-300	***
300-600	****
600-1000	*****
>1000	******
-	- not detected

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 1
NUS/FIT ANALYTICAL SCREENING RESULTS OF NUS/FIT
INITIAL GROUNDWATER SAMPLING ROUND
AUGUST, 1984
PAGE FOUR

SAMPLE NUMBER SAMPLE LOCATION	77585* BSW-1	77586* BW-1	77587* BSW-2	77588* BW-2	77589* BW-3	77590* BW-4	77591* BW-5	77592* BSWW-6	77593* BSW-6	77594* BSW-7	77595* BW-7
Tentative Identification											
trichloroethene	***	*	*	**	**	*	***	******	******	**	*
trans-1,2-dichloroethene	-	-	-	-	-	-	-	-	-	-	-
tetrachloroethene	*	-	-	-	**	-	-	**	*	**	-
benzene	-	-	-	-	-	-	-	***	-	-	-
toluene	-	-	-	-	-	-	-	*	*	-	-
ethylbenzene	-	-	-	-	-	-	-	***	**	-	-
m-xylene	-	-	-	-	-	-	-	*****	***	-	-
o-xylene	-	-	-	-	-	-	-	*****	**	-	-

ppb	
<10.0	*
10-100	**
100-300	***
300-600	****
600-1000	*****
>1000	******
-	- not detected

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

* Results of split samples collected by Woodward-Clyde.

TABLE 1
NUS/FIT ANALYTICAL SCREENING RESULTS OF NUS/FIT
INITIAL GROUNDWATER SAMPLING ROUND
AUGUST, 1984
PAGE FIVE

SAMPLE NUMBER	77504	77518	77523	77611	76269	77583	11212
SAMPLE LOCATION	Blank	Blank	Blank	Blank	Blank	Blank	Blank
Tentative Identification							
trichloroethene	-	-	-	-	-	-	-
trans-1,2-dichloroethene	-	-	-	-	-	-	-
tetrachloroethene	-	-	-	-	-	-	-
benzene	-	-	-	-	-	*	-
toluene	-	-	-	-	-	*	-
ethylbenzene	-	-	-	-	-	-	-
m-xylene	-	-	-	-	-	*	-
o-xylene	-	-	-	-	-	-	-

ppb	
<10.0	*
10-100	**
100-300	***
300-600	****
600-1000	*****
>1000	******
-	- not detected

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 2
NUS/FIT ANALYTICAL SCREENING RESULTS
RECENTLY INSTALLED WELLS

Sample Location		S63S	S63D	S64S	S64M	S64D	S65S	S65M	S65D	S66D	S67S	S67M	S67D	S68S	S68M
Tenatively Identified Compounds	Detection Limits														
Trichloroethene	1 ppb	***	****	***	***	****	*	**	**	**	**	**	**	***	***
Benzene	1ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	3 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	3ppb	***	***	**	**	**	*	**	**	*	-	-	-	***	***
Chlorobenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m-Xylene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	10 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\- - Not Detected
* - <10 ppb
** - 10-70 ppb
*** - 70-200 ppb
**** - 200-350 ppb
***** - 350-1000 ppb
****** - 1000-5000 ppb

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 2
NUS/FIT ANALYTICAL SCREENING RESULTS
RECENTLY INSTALLED WELLS
PAGE TWO

Sample Location		S69D	S70S	S70M	S71M	S71D	S72S	S72M	S72D	S73S	S73D	S74M	S74D
Tenatively Identified Compounds	Detection Limits												
Trichloroethene	1 ppb	-	-	-	-	*	*	**	**	**	-	-	-
Benzene	3 ppb	-	-	-	-	-	-	-	-	*	-	-	-
Toluene	3 ppb	-	-	-	*	-	-	-	-	*	-	-	-
Tetrachloroethene	5 ppb	-	-	-	**	****	*	*	*	-	-	-	-
Chlorobenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-
m-Xylene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	10 ppb	-	-	-	-	-	-	-	-	-	-	-	-

\- - Not Detected
* - <10 ppb
** - 10-70 ppb
*** - 70-200 ppb
**** - 200-350 ppb
***** - 350-1000 ppb
****** - 1000-5000 ppb

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 2
NUS/FIT ANALYTICAL SCREENING RESULTS
RECENTLY INSTALLED WELLS
PAGE THREE

Sample Location		S75S	S75M	S75D	S76S	S76M	S76D	S77SS	S77S	S77M	S77D	S78S	S78D
Tenatively Identified Compounds	Detection Limits												
Trichloroethene	1 ppb	*	*	-	-	-	-	-	***	**	****	******	-
Benzene	3 ppb	**	***	**	-	-	-	-	-	-	-	-	-
Toluene	3 ppb	****	*	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5 ppb	-	-	-	-	-	-	-	**	**	**	*****	-
Chlorobenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	>10,000	-
Ethylbenzene	5 ppb	***	**	-	-	-	-	-	-	-	-	*****	-
m-Xylene	5 ppb	****	**	-	-	-	-	-	-	-	-	-	-
o-Xylene	10 ppb	****	**	-	-	-	-	-	-	-	-	-	-

\- - Not Detected
* - <10 ppb
** - 10-70 ppb
*** - 70-200 ppb
**** - 200-350 ppb
***** - 350-1000 ppb
****** - 1000-5000 ppb

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 2
NUS/FIT ANALYTICAL SCREENING RESULTS
RECENTLY INSTALLED WELLS
PAGE FOUR

Sample Location		S79M	S79D	S80S	S80M	S81S	S81M	S81D	S82	S83	S84S	S84M	S84D	S85S	S85M	S86S	S86M
Tenatively Identified Compounds	Detection Limits																
Trichloroethene	1 ppb	-	-	-	-	**	*	*	**	*****	**	**	*	***	***	*	**
Benzene	3 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	3 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5 ppb	-	-	-	-	*****	***	**	**	****	**	*	*	***	*****	**	*
Chlorobenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m-Xylene	5 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	10 ppb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\- - Not Detected
* - <10 ppb
** - 10-70 ppb
*** - 70-200 ppb
**** - 200-350 ppb
***** - 350-1000 ppb
****** - 1000-5000 ppb

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 3 CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION		S-4	S-5	S-6	S-10	S-11	S-21	S-22	S-41	S-46	S-46	S63S	S63D	S64S	S64M	S64M	S64D	S64D	S65S
SAMPLE NUMBER		12406	12392	12393	12408	12399	12387	12401	12407	12430	12431	12493	12494	12376	12380	12381	12377	12378	12367
TRAFFIC REPORT NUMBER		AB369	AB353	AB358	AB371	AB363	AB348	AB513	AB517	AB382	AB383	AB503	AB504	AB337	AB341	AB342	AB338	AB339	AB329
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10		13																
METHYLENE CHLORIDE	5	*	*	*	*	*				*	*								
ACETONE	10																		
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5		10							9	8								
trans-1,2-DICHLOROETHENE	5			3 J		26	150 J			28	24	44 J	91	65 J	85 J	86 J	85 J	80 J	
CHLOROFORM	5																		
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10						*						*		*		*	*	*
1,1,1-TRICHLOROETHANE	5					14				26	25		10		3 J	3 J	3 J	3 J	
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5			3 J															
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5					130	190 J		3 J	220	220	72 J	140	88 J	130 J	130 J	180 J	170 J	
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5			140		34	27 J		3 J	12	12	86 J	270	30 J	48 J	47 J	44 J	42 J	
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5																		
DILUTION FACTOR		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NOTES:
- 'BLANK SPACE' - Indicates the compound was not detected.
- J - Quantitation is approximate due to quality control review (data validation).
- * - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
MUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATION		S65M	S65D	S66D	S67S	S67M	S67D	S68S	S68M	S69D	S70S	S70M	S71M	S71D	S72S	S72M	S72D	S73S	S73D
SAMPLE NUMBER		12366	12365	12407	12384	12385	12386	12477	12478	12364	12370	12371	12432	12433	12394	12396	12395	12474	12473
TRAFFIC REPORT NUMBER		AB328	AB327	AB370	AB345	AB346	AB347	AB533	AB542	AB326	AB332	AB333	AB505	AB534	AB359	AB384	AB360	AB511	AB510
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5			*				*						*		*	*		
ACETONE	10		*							*		*	*			*			
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5				2 J	3 J													3 J
1,1-DICHLOROETHANE	5														6				18
trans-1,2-DICHLOROETHENE	5	20 J	31 J	5					*				64	5000 J		*		12	31
CHLOROFORM	5							*								*			
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	*	*		*	*	*			*	*	*							
1,1,1-TRICHLOROETHANE	5				15 J	23 J		1700 J	15 J				91			*			
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5															10			
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	34 J	44 J	10	17 J	56 J	33 J		*					16000 J	4 J	74 J	9	7	37
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5													1700 J		*			
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5													3000 J					
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	9 J	16 J	3 J		1 J			*			4 J	1500	7300 J	6				
TOLUENE	5											1 J							
CHLOROBENZENE	5																		
ETHYLBENZENE	5													7400 J					
STYRENE	5																		
TOTAL-XYLENE	5													2900 J					
DILUTION FACTOR		1	1	1	1	1	1	500	1	1	1	1	10	500	1	1	1	1	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE THREE

SAMPLE LOCATION		S74N	S74B	S75S	S75N	S75B	S77SS	S77S	S77N	S77D	S78S	S78D	S78B	S79D	S80S	S80N	S80M	S81S	S81S
SAMPLE NUMBER		12475	12476	12388	12389	12390	12402	12401	12400	12427	12416	12404	12405	12360	12359	12357	12358	12412	12411
TRAFFIC REPORT NUMBER		AB536	AB512	AB349	AB350	AB351	AB365	AB364	AB385	AB381	AB389	AB367	AB368	AB322	AB321	AB319	AB320	AB388	AB395
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*					*	*	*	*	*	*	*					*	*
ACETONE	10								*			*							*
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5								81 J										
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5						12	5		15								*	*
CHLOROFORM	5	*							*		*							*	*
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10			*	*	*													
1,1,1-TRICHLOROETHANE	5								34 J									110 J	*
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	*					2 J	96	370 J	210	160000 J							*	180 J
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5			2200 J	260 J	76 J													
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	*						14	750 J	10	58000 J							1100 J	1000 J
TOLUENE	5			330 J	11 J	4 J													
CHLOROBENZENE	5																		
ETHYLBENZENE	5			180 J	49 J	13 J					*								
STYRENE	5			130 J															
TOTAL-XYLENE	5			650 J	130 J	34 J					6100 J								
DILUTION FACTOR		1	1	10	1	1	1	1	1	1	500	1	1	1	1	1	1	10	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
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CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE FOUR

SAMPLE LOCATION		S01N	S01D	S02	S03	S03	S04S	S04M	S04D	S05S	S05M	S06S	S06M	TN 2C	TN 4C	IUS-2A	IUS-2B	IUS-2C	GD-1S
SAMPLE NUMBER		12369	12368	12379	12479	12480	12472	12471	12437	12397	12398	12410	12409	12502	12491	12375	12373	12372	12456
TRAFFIC REPORT NUMBER		AB331	AB330	AB340	AB530	AB539	AB509	AB508	AB507	AB361	AB362	AB387	AB386	AB502	AB501	AB336	AB335	AB334	AB528
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5				*	*				*	*	*	*						*
ACETONE	10								*	*		*	*					*	
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5		3 J	30 J			10	7	8	68	22			44	38				
CHLOROFORM	5				*	*						*	*						*
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10		*	*					*							*	*	*	
1,1,1-TRICHLOROETHANE	5		21 J							8	34	17 J		6	6				
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	2 J	6 J	48 J		1400 J	24	17	23	110	48	18 J	17 J	90	93				*
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5											*	*						
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	34 J	200 J	24 J			20	11	10	56	150	56 J	48 J	56	39		2 J		*
TOLUENE	5														6				
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5														6				
DILUTION FACTOR		1	1	1	100	100	1	1	1	1	1	1	1	1	1	1	1	1	1

NOTES:
"BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE FIVE

SAMPLE LOCATION		GO-1D	GO-1DD	GW-3S	GW-3D	GW-3DD	GW-4S	GW-4D	GW-7S	GW-7D	GW-9	GW-11S	GW-11D	GW-12S	GW-12D	BW-1	BGW-1	BW-2	BSW-2
SAMPLE NUMBER		12458	12457	12453	12454	12455	12441	12443	12439	12440	12438	12447	12450	12448	12449	12417	12428	12425	12424
TRAFFIC REPORT NUMBER		AB530	AB529	AB531	AB532	AB535	AB519	AB520	AB525	AB526	AB527	AB521	AB522	AB523	AB524	AB374	AB393	AB380	AB379
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10								15										33 J
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*	*	*		*								*	*	*	*
ACETONE	10								*					*	*		*	*	*
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5											72	220	95	300				
1,1-DICHLOROETHANE	5																		28
trans-1,2-DICHLOROETHENE	5			1400 J	1800 J	7500 J	21	790	340									5 J	920
CHLOROFORM	5	*	*		*	*											*		
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10																		
1,1,1-TRICHLOROETHANE	5		34 J													3 J			26
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5		*	*	*	*	19	200	310			85	70	420	640	31	590 J	19	130
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	*	370 J			1100 J			8			2 J	12		11 J	14		3 J	14 J
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5																		
DILUTION FACTOR		100	10	100	100	500	1	10	1	1	1	1	1	5	5	1	10	1	4.17

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
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CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE SIX

SAMPLE LOCATION		BW-3	BW-4	BW-5	BSW-6	BSW-6	BSSW-6	BW-7	BSW-7	OW-7	OW-8	OW-19	OW19A	OW-20	OW-20A	SW-01	SW-02	SW-02	BW-03
SAMPLE NUMBER		12413	12423	12426	12419	12420	12418	12422	12421	12489	12490	12207	12206	12204	12205	12361	12362	12363	12482
TRAFFIC REPORT NUMBER		AB372	AB378	AB391	AB375	AB376	AB392	AB377	AB390	AB492	AB493	AB400	AB399	AB397	AB398	AB323	AB324	AB325	AB514
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*	1300 J	1200 J	*	*	*										
ACETONE	10			*	3600 J	5000 J		*								*	*	*	
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5	5 J																	
trans-1,2-DICHLOROETHENE	5	20						6	*										
CHLOROFORM	5			*	2800	3000	*		*										
1,2-DICHLOROETHANE	5	4 J																	
2-BUTANONE	10								1.3 J							*	*	*	
1,1,1-TRICHLOROETHANE	5	8		*	3000	3200	*			6						2 J	5 J	5 J	5
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	130	14	3500 J	100000	110000	440000J	37	23 J	10		4 J	2 J	3 J					
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	7	3 J	*															
TOLUENE	5						3400 J		*								1 J		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5				3800	4100	14000 J												
DILUTION FACTOR		1	1	20	454	500	1000	1	1	1	1	1	1	1	1	1	1	1	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE SEVEN

SAMPLE LOCATION		SW-03	SW-04	SW-05	SW-06
SAMPLE NUMBER		12483	12484	12485	12486
TRAFFIC REPORT NUMBER		AB515	AB540	AB516	AB541
VOLATILE COMPOUNDS	CRDL				
CHLOROMETHANE	10				
BROMOMETHANE	10				
VINYL CHLORIDE	10				
CHLOROETHANE	10				
METHYLENE CHLORIDE	5		*		*
ACETONE	10				
CARBON DISULFIDE	5				
1,1-DICHLOROETHENE	5				
1,1-DICHLOROETHANE	5				
trans-1,2-DICHLOROETHENE	5				
CHLOROFORM	5				
1,2-DICHLOROETHANE	5				
2-BUTANONE	10				
1,1,1-TRICHLOROETHANE	5	6	7 J	8	10 J
CARBON TETRACHLORIDE	5				
VINYL ACETATE	10				
BROMODICHLOROMETHANE	5				
1,1,2,2-TETRACHLOROETHANE	5				
1,2-DICHLOROPROPANE	5				
trans-1,3-DICHLOROPROPENE	5				
TRICHLOROETHENE	5				*
DIBROMOCHLOROMETHANE	5				
1,1,2-TRICHLOROETHANE	5				
BENZENE	5				
cis-1,3-DICHLOROPROPENE	5				
2-CHLOROETHYL VINYL ETHER	10				
BROMOFORM	5				
2-HEXANONE	10				
4-METHYL-2-PENTANONE	10				
TETRACHLOROETHENE	5				
TOLUENE	5				
CHLOROBENZENE	5				
ETHYLBENZENE	5				
STYRENE	5				
TOTAL-XYLENE	5				
DILUTION FACTOR		1	1	1	1

NOTES:
- "BLANK SPACE" - Indicates the compound was not detected.
- J - Quantitation is approximate due to quality control review (data validation).
- * - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 3a
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION			BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK
LABORATORY IDENTIFICATION			EBCO	AQUATEC	AQUATEC	AQUATEC	GCA	AQUATEC	AQUATEC	GCA	COMPUCHEM	COMPUCHEM
CASE NUMBER			4158	4158	4158	4158	4179	4179	4179	4193	4193	4193
TRAFFIC REPORT NUMBER			AB318	AB343	AB344	AB352	AB537	AB506	AB518	AB394	AB366	AB373
ANALYSIS			HSL	VOA	VOA	VOA	VOA	VOA	VOA	HSL	VOA	VOA
VOLATILE COMPOUNDS	CRDL	DL FACTOR										
Chloromethane	10	5										
Bromomethane	10	5										
Vinyl Chloride	10	5										
Chloroethane	10	5										
Methylene Chloride	5	10	490	320	300	210	15	8	8	16	11	12
Acetone	10	10										
Carbon Disulfide	5	5										
1,1-Dichloroethene	5	5								1.9 J		
1,1-Dichloroethane	5	5								3.0 J		
trans-1,2,-Dichloroethene	5	5								1.8 J		
Chloroform	5	5					2 J			3.4 J		
1,2-Dichloroethane	5	5										
2-Butanone	10	10		1 J	1 J	1 J						
1,1,1-Trichloroethane	5	5								3.5 J		
Carbon Tetrachloride	5	5								2.0 J		
Vinyl Acetate	10	5										
Bromodichloromethane	5	5								2.2 J		
1,1,2,2-Tetrachloroethane	5	5										
1,2-Dichloropropane	5	5								1.4 J		
trans-1,3-Dichloropropene	5	5										
Trichloroethene	5	5								3.1 J		
Dibromochloromethane	5	5								2.7 J		
1,1,2-Trichloroethane	5	5										
Benzene	5	5								1.5 J		
cis-1,3-Dichloropropene	5	5										
2-Chloroethyl vinyl ether	10	5										
Bromoform	5	5								1.3 J		
2-Hexanone	10	5										
4-Methyl-2-Pentanone	10	5										
Tetrachloroethene	5	5								2.5 J		
Toluene	5	5										
Chlorobenzene	5	5										
Ethylbenzene	5	5								0.83 J		
Styrene	5	5								1.5 J		
Total Xylenes	5	5								1.9 J		
Dilution Factor			1	1	1	1	1	1	1	1	1	1

NOTES:
"Blank Space" - Indicates the compound was not detected.
J - Quantitation is approximate when the Mass Spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit and greater than zero.
CRDL - Contract Required Detection Limit (multiply dilution factor, detection limit factor, and amount found in the sample to obtain sample detection limits).

TABLE 4 CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION		S-5	S-6	S-6	S-21	S-22	S-44	S63S	S63D	S64S	S64M	S64M	S64B	S65S	S65M	S65M	S65B	S66D	S67S
SAMPLE NUMBER		12765	12766	12767	12806	12805	12802	12775	12774	12734	12735	12737	12736	12748	12749	12751	12750	12781	12779
TRAFFIC REPORT NUMBER		AB822	AB821	AB820	AB916	AB915	AB913	AB812	AB813	AB707	AB708	AB710	AB709	AB725	AB726	AB728	AB727	AB806	AB808
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10	18																	
METHYLENE CHLORIDE	5	*	*	*	*		*	*	*									*	*
ACETONE	10	*	*			*		*	*									*	*
CARBON DISULFIDE	5																		4 J
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5	9																	
trans-1,2-DICHLOROETHENE	5		3 J		150	19		41	84	49 J	58 J	92	70 J		19	16	21	7	
CHLOROFORM	5							*		*	*								
1,2-DICHLOROETHANE	5							*	*										
2-BUTANONE	10	*	*	*														*	*
1,1,1-TRICHLOROETHANE	5				3 J		5 J		4 J										18
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5		3 J		210	34	3 J	64	130	95 J	110 J	120	200 J	4 J	29	26	33	12	20
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5		160	56	74			69	140	34 J	41 J	190	43 J		8	7	10	*	
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5				3 J														
DILUTION FACTOR		1	1	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix B.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 4
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATION		S67M	S67D	S68S	S68M	S68M	S70S	S70M	S71M	S71D	S72S	S72M	S72D	S72D	S73S	S73D	S74M	S74D	S75S
SAMPLE NUMBER		12770	12780	12753	12754	12755	12758	12759	12760	12761	12773	12772	12777	12776	12769	12768	12770	12771	12782
TRAFFIC REPORT NUMBER		A0009	A0007	A0730	A0731	A0732	A0029	A0028	A0027	A0026	A0014	A0015	A0010	A0011	A0018	A0019	A0017	A0016	A0004
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*				*	*	*	*	*	*	*	*	*	*	*		*
ACETONE	10	*	*				*	*	*	*	*	*	*	*		*	*		*
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5	4 J													2 J	5 J			
1,1-DICHLOROETHANE	5										6				5 J	17			
trans-1,2-DICHLOROETHENE	5			29	37	36			110		1 J				20	36			
CHLOROFORM	5						*	*											
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	*	*						42	110	*	*	*	*	*	*	*	*	49
1,1,1-TRICHLOROETHANE	5	18		6	13	12			130	110									
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	56	37	54	88	86			19 J		5	16	12	11	9	52			
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5											3 J							1900
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5			47	88	83		*	1900	2500	*	*	*	*	*	*	*		
TOLUENE	5																		280
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		180
STYRENE	5																		190
TOTAL-XYLENE	5																		590
DILUTION FACTOR		1	1	1	1	1	1	1	10	20	1	1	1	1	1	1	1	1	10

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J - Quantitation is approximate due to quality control review (data validation).
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CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 4
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb) PAGE THREE

SAMPLE LOCATION		S75M	S75M	S75D	S76S	S76M	S76M	S76D	S77SS	S77S	S77M	S77M	S77D	S78S	S78D	S79M	S79D	S80S	S80M
SAMPLE NUMBER		12784	12783	12785	12789	12787	12788	12786	12797	12798	12799	12800	12804	12801	12803	12794	12793	12796	12795
TRAFFIC REPORT NUMBER		AB903	AB905	AB902	AB896	AB897	AB898	AB899	AB908	AB909	AB910	AB911	AB900	AB912	AB914	AB905	AB904	AB907	AB906
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*
ACETONE	10	*	*	*						*	*			*	*				*
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5								8	6	24	23							
CHLOROFORM	5																		
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	*	*	*															
1,1,1-TRICHLOROETHANE	5										13	12							
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5				9				12	130	97	96	200	110					
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5	110	110	170															
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5									15	46	47	13	32					
TOLUENE	5	16	16 J	10															
CHLOROBENZENE	5																		
ETHYLBENZENE	5	38	38 J	30															
STYRENE	5	3 J																	
TOTAL-XYLENE	5	90	93 J	78										3 J					
DILUTION FACTOR		1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1

NOTES:
"BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix B.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 4
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb) PAGE FOUR

SAMPLE LOCATION		S01S	S01M	S01D	S02	S02	S03	S04S	S04M	S04D	S05S	S05M	S06S	S06M	TM 2A	TM 2C	TM 4B	GO-1S	GO-1D
SAMPLE NUMBER		12746	12745	12744	12730	12731	12814	12741	12742	12743	12738	12739	12752	12757	12756	12740	12747	12727	12729
TRAFFIC REPORT NUMBER		AB723	AB713	AB714	AB715	AB716	AB924	AB720	AB721	AB722	AB711	AB712	AB729	AB734	AB733	AB719	AB724	AB703	AB705
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*				*					*							
ACETONE	10	*					*									*			
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5				21	24	110	10		11	62				8	75	37		
CHLOROFORM	5		17 J									13 J							
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10														*				
1,1,1-TRICHLOROETHANE	5	99														11	6		27 J
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	30			37	39	470	21	16	26	92	39 J	3 J	3 J	4 J	120	66		7 J
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	670	35 J	140	33	34	15	18	11	9	22 J	170	12	13	5	110	47	*	900 J
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5																		
DILUTION FACTOR		5	10	10	1	1	2.94	1	1	1	10	10	1	1	1	1	1	1	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
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CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 4
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb) PAGE FIVE

SAMPLE LOCATION		GO-108	GW-35	GW-3D	GW-30B	SW-01	SW-02	SW-03	SW-03	SW-04	SW-05	SW-06
SAMPLE NUMBER		12728	12724	12725	12726	12807	12808	12809	12810	12811	12812	12813
TRAFFIC REPORT NUMBER		AB704	AB396	AB701	AB702	AB917	AB918	AB919	AB920	AB921	AB922	AB923
VOLATILE COMPOUNDS	CRDL											
CHLOROMETHANE	10											
BROMOMETHANE	10											
VINYL CHLORIDE	10		48	220 J	40 J							
CHLOROETHANE	10											
METHYLENE CHLORIDE	5	*				*	*	*	*	*	*	*
ACETONE	10					*					*	*
CARBON DISULFIDE	5											
1,1-DICHLOROETHENE	5	4 J										
1,1-DICHLOROETHANE	5											
trans-1,2-DICHLOROETHENE	5	5 J	920	1100 J	670 J			22	21			
CHLOROFORM	5	*										
1,2-DICHLOROETHANE	5											
2-BUTANONE	10											
1,1,1-TRICHLOROETHANE	5	95 J				4 J	3 J			3 J	5	7
CARBON TETRACHLORIDE	5											
VINYL ACETATE	10											
BROMODICHLOROMETHANE	5											
1,1,2,2-TETRACHLOROETHANE	5											
1,2-DICHLOROPROPANE	5											
trans-1,3-DICHLOROPROPENE	5											
TRICHLOROETHENE	5	10 J	1200	2000 J	1800 J			26	25			
DIBROMOCHLOROMETHANE	5											
1,1,2-TRICHLOROETHANE	5											
BENZENE	5											
cis-1,3-DICHLOROPROPENE	5											
2-CHLOROETHYL VINYL ETHER	10											
BROMOFORM	5											
2-HEXANONE	10											
4-METHYL-2-PENTANONE	10											
TETRACHLOROETHENE	5	2000 J	29 J	49 J	34 J			4 J	3 J			
TOLUENE	5											
CHLOROBENZENE	5											
ETHYLBENZENE	5											
STYRENE	5											
TOTAL-XYLENE	5											
DILUTION FACTOR		1	1	1	1	1	1	1	1	1	1	1

NOTES: "BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix B.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 4a
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION			BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK
LABORATORY IDENTIFICATION			CAA	AQUATEC	AQUATEC	AQUATEC	AQUATEC	AQUATEC	COMPUCHEM	COMPUCHEM	COMPUCHEM
CASE NUMBER			4344	4344	4344	4395	4395	4395	4433	4433	4433
TRAFFIC REPORT NUMBER			AB706	AB717	AB718	AB823	AB824	AB825	AB901	AB902	AB903
ANALYSIS			HSL	VOA	VOA	VOA	VOA	VOA	VOA	VOA	VOA
VOLATILE COMPOUNDS	CRDL	DL FACTOR									
Chloroethane	10	5									
Bromomethane	10	5									
Vinyl Chloride	10	5									
Chloroethane	10	5									
Methylene Chloride	5	10		1 J	2 J	6	4 J	5	4.2 J	3.3 J	6.6
Acetone	10	10				2 J					
Carbon Disulfide	5	5									
1,1-Dichloroethene	5	5									
1,1-Dichloroethane	5	5									
trans-1,2,-Dichloroethene	5	5									
Chloroform	5	5	1 J								
1,2-Dichloroethane	5	5									
2-Butanone	10	10									
1,1,1-Trichloroethane	5	5									
Carbon Tetrachloride	5	5									
Vinyl Acetate	10	5									
Bromodichloromethane	5	5									
1,1,2,2-Tetrachloroethane	5	5									
1,2-Dichloropropane	5	5									
trans-1,3-Dichloropropane	5	5									
Trichloroethene	5	5									
Dibromochloromethane	5	5									
1,1,2-Trichloroethane	5	5									
Benzene	5	5									
cis-1,3-Dichloropropene	5	5									
2-Chloroethyl vinyl ether	10	5									
Bromoform	5	5									
2-Hexanone	10	5									
4-Methyl-2-Pentanone	10	5									
Tetrachloroethene	5	5	4 J								
Toluene	5	5									
Chlorobenzene	5	5									
Ethylbenzene	5	5									
Styrene	5	5									
Total Xylenes	5	5									
Dilution Factor			1	1	1	1	1	1	1	1	1

NOTES:
"Blank Space" - Indicates the compound was not detected.
J - Quantitation is approximate when the Mass Spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit and greater than zero.
CRDL - Contract Required Detection Limit (multiply dilution factor, detection limit factor,

TABLE 5 CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION		S-4	S-5	S-6	S-10	S-11	S-44	S63S	S63B	S64S	S64S	S64M	S64M	S64B	S65S	S65M	S65B	S66B	S67B
SAMPLE NUMBER		13273	13254	13246	13257	13256	13258	13238	13239	13184	13186	13294	13296	13207	13233	13232	13226	13234	13236
TRAFFIC REPORT NUMBER		AC233	AC228	AB957	AC231	AC230	AC232	AB949	AB950	AC425	AC440	AC430	AC434	AC462	AB944	AB943	AB937	AB945	AB947
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10	110																	
VINYL CHLORIDE	10	140 J																	
CHLOROETHANE	10	170																	
METHYLENE CHLORIDE	5	*		*		*		*	*	*	*	*	*		*	*	*	*	*
ACETONE	10					*		*	*		**		**		*		*	*	*
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5	12 J										*							3
1,1-DICHLOROETHANE	5	15																	
trans-1,2-DICHLOROETHENE	5					58 J		31	90	*	*	110 J	87 J	150 J	7	18	24	9	
CHLOROFORM	5	*			1 J									*					
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	*									**								
1,1,1-TRICHLOROETHANE	5	*				69 J	*	3	8	*	*	*	*						17
CARBON TETRACHLORIDE	5	15																	
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5	17																	
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	17		83		150 J	2 J	48	150	*	*	*	*	180 J	11	33	37	16	49
DIBROMOCHLOROMETHANE	5	16																	
1,1,2-TRICHLOROETHANE	5	15																	
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	17		3300 J		70 J		56 J	170 J	*	*	*	*	40 J	4	10 J	11	5	
TOLUENE	5	6																	
CHLOROBENZENE	5	17																	
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5																		
DILUTION FACTOR		5	1	20.8	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1

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* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix B.
** - Value is rejected due to other contractual requirements identified in quality control review.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATION		S67M	S67D	S68S	S68M	S70S	S70M	S71M	S71D	S72S	S72M	S72D	S73S	S73D	S75S	S75S	S75M	S75D	S76S
SAMPLE NUMBER		13237	13235	13188	13187	13291	13290	13292	13289	13298	13299	13185	13229	13230	13227	13206	13228	13231	13193
TRAFFIC REPORT NUMBER		AB948	AB946	AC453	AC452	AC439	AC438	AC436	AC445	AC431	AC427	AC424	AB940	AB941	AB938	AC460	AB939	AB942	AC426
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*	*	*	*	*	*	*	*	*	*	*				*	*
ACETONE	10	*	*			**	**	*		**			*					*	
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5	4								*			3	3					
1,1-DICHLOROETHANE	5										*	*	7	13 J					
trans-1,2-DICHLOROETHENE	5			55	80 J			115 J	100	*	*		23	27					
CHLOROFORM	5			*															
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10			*		**													
1,1,1-TRICHLOROETHANE	5	19		*	29 J			*	180										
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	54	34	50 J	73 J				13	*	*	*	12	38					*
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5										5 J				2800	5700 J	67	160	
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5			50	85 J			*	2450	*	*	*							
TOLUENE	5					*	*					5			440	680 J	5	11	*
CHLOROBENZENE	5																		
ETHYLBENZENE	5														270	380 J	24	32	
STYRENE	5														330	140 J			
TOTAL-XYLENE	5					5 J									850	680 J	51 J	74	
DILUTION FACTOR		1	1	5	1	1	1	25	10	1	1	1	1	1	20	20	1	1	1

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CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE THREE

SAMPLE LOCATION		S76M	S76D	S77SG	S77S	S77M	S77D	S78S	S78D	S81S	S81M	S81M	S81D	S82	S83	S83	S84S	S84M	S84D
SAMPLE NUMBER		13191	13192	13205	13204	13255	13208	13203	13202	13194	13297	13207	13190	13245	13222	13223	13197	13196	13182
TRAFFIC REPORT NUMBER		AC442	AC433	AC459	AC458	AC229	AC429	AC457	AC437	AC449	AC447	AC448	AC461	AB956	AB933	AB934	AC435	AC432	AC443
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10																		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*			*		*		*	*		*	*	*	*	*	*
ACETONE	10	**	**			6100 J	*		*					*	*	*	**	**	**
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5		*																
trans-1,2-DICHLOROETHENE	5					48 J	*						1 J	38	93	100	*	*	*
CHLOROFORM	5	*		*	*	*				*	*	*						*	
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	**																	
1,1,1-TRICHLOROETHANE	5	*	*	*	*	*				340	*	*	16 J	3			*	*	*
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5			390	160 J	120	300 J	80000 J		*			3 J	68	440	470	*	*	*
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5			180	20 J	50	*	22000 J		580	75	71	98 J	86 J	12	14	*	*	*
TOLUENE	5																*		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5							1824 J			25						5 J		
DILUTION FACTOR		1	1	5	10	10	1	1000	1	10	5	5	1	1	3.33	3.33	1	1	1

"BLANK SPACE" - Indicates the compound was not detected.
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** - Value is rejected due to other contractual requirements identified in quality control review.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE FOUR

SAMPLE LOCATION		SB5S	SB5S	SB5M	SB5N	SB6S	SB6M	TW 2C	TW 4B	GD-1S	GD-1DD	GW-3S	GW-3S	GW-3D	GW-3D	GW-3DD	GW-3DD	GW-4S	GW-4D
SAMPLE NUMBER		13217	13220	13219	13221	13224	13225	13241	13240	13271	13272	13265	13266	13267	13268	1269	13270	13259	13260
TRAFFIC REPORT NUMBER		AB929	AB931	AB930	AB932	AB935	AB936	AB952	AB951	AC247	AC248	AC241	AC242	AC243	AC244	AC245	AC246	AC235	AC236
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10									90									
BROMOMETHANE	10																		
VINYL CHLORIDE	10											140 J	180 J	350 J	290 J	140 J	125 J		
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*	*	*		*	*		*	*	*		*		*		*
ACETONE	10	*	*		*	*		*	*										
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5			3															
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5	76	77	23	23			74	37		*	2500	3000	4400	4200	1700	1900	*	1900 J
CHLOROFORM	5									*	*	*	*	*	*	*	*	*	*
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10																		*
1,1,1-TRICHLOROETHANE	5	13	13	32	39	3		21	9		260								*
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10																		
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	140	140	46	49	4	3	140	76		20	610	1200	2700	2600	2300	2200	10 J	390 J
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5	82	85	170	190	12	8	120 J	51 J		3000	15	30	75	50	50	45		
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5																		
DILUTION FACTOR		1	1	1.25	1	1	1	1	1	5	5	5	5	5	5	10	5	1	5

"BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix D.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE FIVE

SAMPLE LOCATION		GW-11S	GW-11D	GW-12S	GW-12D	BW-1	BSW-1	BW-2	BSW-2	BW-3	BW-4	BW-5	BSW-6	BSSW-6	BW-7	BSW-7	SW-01	SW-02	SW-03
SAMPLE NUMBER		13261	13262	13263	13264	13201	13251	13249	13248	13200	13250	13253	13247	13252	13199	13198	13274	13275	13276
TRAFFIC REPORT NUMBER		AC237	AC238	AC239	AC240	AC441	AC225	AC223	AC222	AC456	AC224	AC227	AC221	AC226	AC455	AC454	AC234	AC249	AC250
VOLATILE COMPOUNDS	CRDL																		
CHLOROMETHANE	10																		
BROMOMETHANE	10																		
VINYL CHLORIDE	10								300 J										
CHLOROETHANE	10																		
METHYLENE CHLORIDE	5	*	*	*	*	*	*			*						*		*	*
ACETONE	10	*	*	*	*	**													
CARBON DISULFIDE	5																		
1,1-DICHLOROETHENE	5																		
1,1-DICHLOROETHANE	5																		
trans-1,2-DICHLOROETHENE	5	*	300	130 J	570			*	2100 J						80 J				
CHLOROFORM	5	*	*	*	*		*	*	*	*	*	*	*	*	*	*		*	*
1,2-DICHLOROETHANE	5																		
2-BUTANONE	10	*	*	*	*	**	*			*						*		*	
1,1,1-TRICHLOROETHANE	5	*	*	*	*	*	*		*	*		*	7800 J			*	*		
CARBON TETRACHLORIDE	5																		
VINYL ACETATE	10			1500															
BROMODICHLOROMETHANE	5																		
1,1,2,2-TETRACHLOROETHANE	5																		
1,2-DICHLOROPROPANE	5																		
trans-1,3-DICHLOROPROPENE	5																		
TRICHLOROETHENE	5	100	80	640	1100		480 J	32 J	200 J	80	6.2	2300	140000 J	180000 J	13 J				
DIBROMOCHLOROMETHANE	5																		
1,1,2-TRICHLOROETHANE	5																		
BENZENE	5																		
cis-1,3-DICHLOROPROPENE	5																		
2-CHLOROETHYL VINYL ETHER	10																		
BROMOFORM	5																		
2-HEXANONE	10																		
4-METHYL-2-PENTANONE	10																		
TETRACHLOROETHENE	5			5	15			1 J							3 J				
TOLUENE	5																		
CHLOROBENZENE	5																		
ETHYLBENZENE	5																		
STYRENE	5																		
TOTAL-XYLENE	5												2000 J						
DILUTION FACTOR		5	5	5	5	1	5	1	10	5	1	10	500	1000	1	5	1	5	5

"BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank contaminants is determined by the amount detected in blank, detailed in Appendix B.
** - Value is rejected due to other contractual requirements identified in quality control review.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE SIX

SAMPLE LOCATION		SW-04	SW-04	SW-05	SW-06
SAMPLE NUMBER		13277	13278	13279	13280
TRAFFIC REPORT NUMBER		AC251	AC252	AC253	AC254
VOLATILE COMPOUNDS	CRDL				
CHLOROMETHANE	10				
BROMOMETHANE	10				
VINYL CHLORIDE	10				
CHLOROETHANE	10				
METHYLENE CHLORIDE	5	*	*	*	*
ACETONE	10				
CARBON DISULFIDE	5				
1,1-DICHLOROETHENE	5				
1,1-DICHLOROETHANE	5				
trans-1,2-DICHLOROETHENE	5				
CHLOROFORM	5	*	*	*	
1,2-DICHLOROETHANE	5				
2-BUTANONE	10	*	*		
1,1,1-TRICHLOROETHANE	5			*	
CARBON TETRACHLORIDE	5				
VINYL ACETATE	10				
BROMODICHLOROMETHANE	5				
1,1,2,2-TETRACHLOROETHANE	5				
1,2-DICHLOROPROPANE	5				
trans-1,3-DICHLOROPROPENE	5				
TRICHLOROETHENE	5				
DIBROMOCHLOROMETHANE	5				
1,1,2-TRICHLOROETHANE	5				
BENZENE	5				
cis-1,3-DICHLOROPROPENE	5				
2-CHLOROETHYL VINYL ETHER	10				
BROMOFORM	5				
2-HEXANONE	10				
4-METHYL-2-PENTANONE	10				
TETRACHLOROETHENE	5				
TOLUENE	5				
CHLOROBENZENE	5				
ETHYLBENZENE	5				
STYRENE	5				
TOTAL-XYLENE	5				
DILUTION FACTOR		5	5	5	5

"BLANK SPACE" - Indicates the compound was not detected.
* - Value is rejected due to blank contamination identified in quality control review. The detection limit for blank
- contaminants is determined by the amount detected in blank, detailed in Appendix B.
CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 5a
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATION			BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK
LABORATORY IDENTIFICATION			GCA	GCA	COMPUCHEM	COMPUCHEM	COMPUCHEM	GCA	GCA	GCA	GCA
CASE NUMBER			4574	4574	4515	4515	4515	4536	4536	4536	4536
TRAFFIC REPORT NUMBER			AC446	AC451	AB953	AB954	AB955	AC255	AC256	AC256	AC257
ANALYSIS			HSL	HSL	VOA	VOA	VOA	VOA	VOA	VOA	VOA
VOLATILE COMPOUNDS	CRDL	DL FACTOR									
Chloroethane	10	5									
Bromomethane	10	5									
Vinyl Chloride	10	5									
Chloroethane	10	5									
Methylene Chloride	5	10		60	8.4	6	4.9 J	50			55
Acetone	10	10			11						
Carbon Disulfide	5	5									
1,1-Dichloroethene	5	5									
1,1-Dichloroethane	5	5									
trans-1,2,-Dichloroethene	5	5									
Chloroform	5	5	32.5	470		4.5 J	9.4	510		70	540
1,2-Dichloroethane	5	5									
2-Butanone	10	10		260				250			240
1,1,1-Trichloroethane	5	5		15 J							20 J
Carbon Tetrachloride	5	5									
Vinyl Acetate	10	5									
Bromodichloromethane	5	5									
1,1,2,2-Tetrachloroethane	5	5									
1,2-Dichloropropane	5	5									
trans-1,3-Dichloropropane	5	5									
Trichloroethene	5	5									
Dibromochloromethane	5	5									
1,1,2-Trichloroethane	5	5									
Benzene	5	5									
cis-1,3-Dichloropropene	5	5									
2-Chloroethyl vinyl ether	10	5									
Bromoform	5	5									
2-Hexanone	10	5									
4-Methyl-2-Pentanone	10	5									
Tetrachloroethene	5	5									
Toluene	5	5									
Chlorobenzene	5	5									
Ethylbenzene	5	5									
Styrene	5	5									
Total Xylenes	5	5									
Dilution Factor			1	5	1	1	1	5	1	5	5

NOTES:
- "BLANK SPACE" - Indicates the compound was not detected.
- J - Quantitation is approximate when the Mass Spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit and greater than zero.
- CRDL - Contract Required Detection Limit (multiply dilution factor, detection limit factor,

TABLE 5a
CLP VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATION			BLANK	BLANK	BLANK
LABORATORY IDENTIFICATION			GCA	ENVIRONDYNE	ENVIRONDYNE
CASE NUMBER			4536	4574	4574
TRAFFIC REPORT NUMBER			AC258	AC428	AC444
ANALYSIS			VOA	VOA	VOA
VOLATILE COMPOUNDS	CRDL	DL FACTOR			
Chloromethane	10	5			
Bromomethane	10	5			
Vinyl Chloride	10	5			
Chloroethane	10	5			
Methylene Chloride	5	10	35	6.9	5 J
Acetone	10	10		17	10 J
Carbon Disulfide	5	5			
1,1-Dichloroethene	5	5			5 J
1,1-Dichloroethane	5	5			5 J
trans-1,2,-Dichloroethene	5	5			15
Chloroform	5	5	330		5 J
1,2-Dichloroethane	5	5			
2-Butanone	10	10	170		
1,1,1-Trichloroethane	5	5	10 J		190
Carbon Tetrachloride	5	5			
Vinyl Acetate	10	5			
Bromodichloromethane	5	5			
1,1,2,2-Tetrachloroethane	5	5			
1,2-Dichloropropane	5	5			
trans-1,3-Dichloropropane	5	5			
Trichloroethene	5	5			37
Dibromochloromethane	5	5			
1,1,2-Trichloroethane	5	5			
Benzene	5	5			
cis-1,3-Dichloropropene	5	5			
2-Chloroethyl vinyl ether	10	5			
Bromoform	5	5			
2-Hexanone	10	5		46	
4-Methyl-2-Pentanone	10	5		15	
Tetrachloroethene	5	5			500
Toluene	5	5			
Chlorobenzene	5	5			
Ethylbenzene	5	5			
Styrene	5	5			
Total Xylenes	5	5			5
Dilution Factor			5	1	1

NOTES:
"BLANK SPACE" - Indicates the compound was not detected.
J - Quantitation is approximate when the Mass Spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit and greater than zero.
CRDL - Contract Required Detection Limit (multiply dilution factor, detection limit factor, and amount found in the sample to obtain sample detection limits).

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S-4			S-5				S-6					S-10		
COMPOUNDS	RD I	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	DUP	RD III	MEAN	RD I	RD III	MEAN
TRICHLOROETHENE	0	17	9	0	0	0	0	0	3	0	**	1	0	0	0
TETRACHLOROETHENE	0	17	9	0	0	0	0	140	160	56	**	119	0	0	0
trans-1,2-DICHLOROETHENE	0	0	0	0	0	0	0	3	3	0	0	1	0	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	10	9	0	6	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	15	8	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			29				6					122			0

SAMPLING LOCATIONS	S-11			S-21			S-22			S-44			S63S
COMPOUNDS	RD I	RD III	MEAN	RD I	RD II	MEAN	RD I	RD II	MEAN	RD II	RD III	MEAN	RD I
TRICHLOROETHENE	130	150	140	190	210	200	0	34	17	3	2	3	72
TETRACHLOROETHENE	34	70	52	27	74	51	0	0	0	0	0	0	86
trans-1,2-DICHLOROETHENE	26	58	42	150	150	150	0	19	10	0	0	0	44
1,1,1-TRICHLOROETHANE	14	69	42	0	3	2	0	0	0	5	*	5	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	3	2	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			276			405			27			8	

NOTES:
*-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S63S			S63D				S64S					S64N		
COMPOUNDS	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	DUP	MEAN	RD I	DUP	RD II
TRICHLOROETHENE	64	48	61	140	130	150	140	88	95	*	*	92	130	130	110
TETRACHLOROETHENE	69	56	70	270	140	170	193	30	34	38	37	35	47	48	**
trans-1,2-DICHLOROETHENE	41	31	39	91	84	90	88	65	49	*	*	57	85	86	58
1,1,1-TRICHLOROETHANE	0	3	1	10	4	8	7	0	0	*	*	0	3	3	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			171				428					184			

SAMPLING LOCATIONS	S64N				S64D					S65S				S65M	
COMPOUNDS	DUP	RD III	DUP	MEAN	RD I	DUP	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II
TRICHLOROETHENE	120	*	*	123	180	170	200	180	183	0	4	11	5	34	29
TETRACHLOROETHENE	41	*	*	45	44	42	43	40	42	0	0	**	0	9	8
trans-1,2-DICHLOROETHENE	92	110	87	86	80	85	70	150	96	0	0	**	0	20	19
1,1,1-TRICHLOROETHANE	0	*	*	2	3	3	0	0	2	0	0	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES				257					323				5		

NOTES:
*-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S65N			S65D				S66				S67S			
COMPOUNDS	DUP	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN
TRICHLOROETHENE	26	33	31	44	33	37	38	13	12	16	13	17	20	49	29
TETRACHLOROETHENE	7	10	9	16	10	11	12	3	0	5	3	0	0	0	0
trans-1,2-DICHLOROETHENE	16	18	18	31	21	24	25	5	7	9	7	0	0	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	15	18	17	17
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	2	4	3	3
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			58				75				23				49

SAMPLING LOCATIONS	S67N				S67D				S68S				S68N	
COMPOUNDS	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II
TRICHLOROETHENE	56	56	54	55	33	37	34	35	**	54	50	52	*	88
TETRACHLOROETHENE	1	0	0	0	0	0	0	0	**	47	50	49	*	83
trans-1,2-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	29	55	28	*	37
1,1,1-TRICHLOROETHANE	23	18	19	20	0	0	0	0	**	**	*	0	15	13
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	3	4	4	4	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES				79				35				129		

NOTES: *-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S68M			S70S				S70M				S71M			
COMPOUNDS	DUP	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN
TRICHLOROETHENE	86	73	82	0	0	0	0	0	0	0	0	0	**	0	0
TETRACHLOROETHENE	88	85	85	0	0	0	0	**	0	0	0	1500	1900	*	1700
trans-1,2-DICHLOROETHENE	36	**	37	0	0	0	0	0	0	0	0	64	110	115	96
1,1,1-TRICHLOROETHANE	12	29	17	0	0	0	0	0	0	0	0	91	130	*	111
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	**	0	0	0	**	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	**	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			221				0				0				1907

SAMPLING LOCATIONS	S71D				S72S				S72M				S72D	
COMPOUNDS	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II
TRICHLOROETHENE	**	0	13	7	4	5	*	5	74	16	*	45	9	12
TETRACHLOROETHENE	**	2500	2450	2475	6	0	*	3	12	0	*	6	0	0
trans-1,2-DICHLOROETHENE	**	0	100	50	0	1	*	1	*	0	*	0	0	0
1,1,1-TRICHLOROETHANE	**	110	180	145	0	0	0	0	*	0	0	0	0	0
1,1-DICHLOROETHANE	**	0	0	0	6	6	0	4	0	0	**	0	0	0
1,1,2,2-TETRACHLOROETHANE	**	0	0	0	0	0	0	0	**	0	0	0	0	0
1,2-DICHLOROETHANE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	**	0	0	0	0	0	*	0	0	0	0	0	0	0
BENZENE	**	0	0	0	0	0	0	0	0	3	5	3	0	0
ETHYLBENZENE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	**	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES				2677				13				54		

NOTES:
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RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S72D			S73S				S73D				S74M		
COMPOUNDS	DUP	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	MEAN
TRICHLOROETHENE	11	*	11	7	9	12	9	37	52	38	42	0	0	0
TETRACHLOROETHENE	0	*	0	0	0	0	0	0	0	0	0	0	0	0
trans-1,2-DICHLOROETHENE	0	0	0	12	20	23	18	31	36	27	31	0	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHANE	0	**	0	0	5	7	4	18	17	13	16	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	2	3	2	3	5	3	4	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	**	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			11				33				93			0

SAMPLING LOCATIONS	S74D			S75S					S75M					S75D	
COMPOUNDS	RD I	RD II	MEAN	RD I	RD II	RD III	DUP	MEAN	RD I	RD II	DUP	RD III	MEAN	RD I	RD II
TRICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETRACHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
trans-1,2-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	2200	1800	2800	5700	3125	**	110	110	67	96	76	170
ETHYLBENZENE	0	0	0	180	180	270	380	253	49	38	38	24	37	13	30
TOLUENE	0	0	0	330	280	440	680	433	11	16	16	5	12	4	10
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	130	190	330	140	198	0	**	0	0	0	0	0
TOTAL-XYLENE	0	0	0	650	590	850	680	693	130	93	90	51	91	34	78
TOTAL (SELECTED) VOLATILES			0					4702					236		

NOTES:

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**-Value rejected due to statistical test for outliers.

RD I-April 1985 Sampling Round

RD II-May 1985 Sampling Round

RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S75D		S76S				S76M			S76D			S77SS		
COMPOUNDS	RD III	MEAN	RD II	RD III	MEAN		RD II	RD III	MEAN	RD II	RD III	MEAN	RD I	RD II	RD III
TRICHLOROETHENE	0	0	9	0	5		0	0	0	0	0	0	2	12	**
TETRACHLOROETHENE	0	0	0	0	0		0	0	0	0	0	0	0	0	**
trans-1,2-DICHLOROETHENE	0	0	0	0	0		0	0	0	0	0	0	12	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0		0	*	0	0	*	0	0	0	*
1,1-DICHLOROETHANE	0	0	0	0	0		0	0	0	0	*	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0		0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0		0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0		0	0	0	0	0	0	0	0	0
BENZENE	160	135	0	0	0		0	0	0	0	0	0	0	0	0
ETHYLBENZENE	32	25	0	0	0		0	0	0	0	0	0	0	0	0
TOLUENE	11	8	0	0	0		0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0		0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0		0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	74	62	0	0	0		0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES		230			5				0			0			

SAMPLING LOCATIONS	S77SS	S77S				S77N					S77D			
COMPOUNDS	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	DUP	RD III	MEAN	RD I	RD II	RD III	MEAN
TRICHLOROETHENE	7	96	130	160	129	**	97	96	120	104	210	200	300	263
TETRACHLOROETHENE	0	14	15	20	16	**	47	46	50	48	10	13	*	12
trans-1,2-DICHLOROETHENE	7	5	6	0	4	0	24	23	48	24	15	0	*	8
1,1,1-TRICHLOROETHANE	0	0	0	0	0	**	13	12	*	8	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	**	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES	14				149					184				283

NOTES:
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RD I-April 1985 Sampling Round
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RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S78S				S78D				S79S			S80S		
COMPOUNDS	RD I	RD II	RD.III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	MEAN	RD I	RD II	MEAN
TRICHLOROETHENE	160000	110	80000	80037	0	0	0	0	0	0	0	0	0	0
TETRACHLOROETHENE	58000	32	22000	26677	0	0	0	0	0	0	0	0	0	0
trans-1,2-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	6100	3	1824	2642	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES				109356				0			0			0

SAMPLING LOCATIONS	S80M			S81S					S81N					S81D	
COMPOUNDS	RD I	RD II	MEAN	RD I	DUP	RD II	RD III	MEAN	RD I	RD II	RD III	DUP	MEAN	RD I	RD II
TRICHLOROETHENE	0	0	0	*	**	30	46	38	**	0	0	0	0	6	0
TETRACHLOROETHENE	0	0	0	1100	1000	670	580	838	34	35	75	71	54	200	140
trans-1,2-DICHLOROETHENE	0	0	0	0	*	0	0	0	0	0	0	0	0	3	0
1,1,1-TRICHLOROETHANE	0	0	0	*	110	99	340	183	0	0	*	*	0	21	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0
TOTAL (SELECTED) VOLATILES			0					1059					54		

NOTES:
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RD I-April 1985 Sampling Round
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RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF SELECTED VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	S81D		S82					S83						S84S	
COMPOUNDS	RD III	MEAN	RD I	RD II	DUP	RD III	MEAN	RD I	DUP	RD II	RD III	DUP	MEAN	RD I	RD II
TRICHLORDETHENE	3	3	40	37	39	**	41	**	**	470	440	470	460	24	21
TETRACHLORDETHENE	98	146	24	33	34	**	30	**	**	15	12	14	14	20	18
trans-1,2-DICHLORDETHENE	1	1	30	21	24	38	28	**	**	110	93	100	101	10	10
1,1,1-TRICHLORDETHANE	16	12	0	0	0	**	0	**	**	0	0	0	0	0	0
1,1-DICHLORDETHANE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
1,1,2,2-TETRACHLORDETHANE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
1,2-DICHLORDETHANE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
1,1-DICHLORDETHENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES		162					99						575		

SAMPLING LOCATIONS	S84S		S84N				S84D				S85S				
COMPOUNDS	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	DUP	MEAN
TRICHLORDETHENE	*	23	17	16	*	17	23	26	*	25	110	92	140	140	121
TETRACHLORDETHENE	*	19	11	11	*	11	10	9	*	10	56	22	82	85	61
trans-1,2-DICHLORDETHENE	*	10	7	0	*	4	8	11	*	10	68	62	77	76	71
1,1,1-TRICHLORDETHANE	*	0	0	0	*	0	0	0	*	0	8	0	13	13	9
1,1-DICHLORDETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLORDETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLORDETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLORDETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES		54				32				45					262

NOTES:
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RD I-April 1985 Sampling Round
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RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	SB5N				SB6S				SB6N				TW 2C		
COMPOUNDS	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	RD III
TRICHLOROETHENE	48	39	48	45	**	3	4	4	**	3	3	3	90	120	140
TETRACHLOROETHENE	150	170	180	167	**	12	12	12	**	13	8	11	56	110	120
trans-1,2-DICHLOROETHENE	22	**	23	23	**	0	0	0	**	0	0	0	**	75	74
1,1,1-TRICHLOROETHANE	34	**	36	35	**	0	3	2	**	0	0	0	6	11	21
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	**	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES				270				18				14			

SAMPLING LOCATIONS	TW-2C	TW 4B			GO-1S				GO-1D			GO-1DD		
COMPOUNDS	MEAN	RD II	RD III	MEAN	RD I	RD II	RD III	MEAN	RD I	RD II	MEAN	RD I	RD II	RD III
TRICHLOROETHENE	117	66	76	71	0	0	0	0	0	7	4	*	10	20
TETRACHLOROETHENE	95	47	51	49	0	*	0	0	*	900	900	370	2000	3000
trans-1,2-DICHLOROETHENE	75	37	37	37	0	0	0	0	0	0	0	0	5	*
1,1,1-TRICHLOROETHANE	13	6	9	8	0	0	0	0	0	27	14	34	95	260
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	**	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES	300			165				0			918			

NOTES:

*-Value rejected due to quality control review (data validation).

**-Value rejected due to statistical test for outliers.

RD I-April 1985 Sampling Round

RD II-May 1985 Sampling Round

RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	GO-1DD	GW-3S					GW-3D					GW-3DD			
COMPOUNDS	MEAN	RD I	RD II	RD III	DUP	MEAN	RD I	RD II	RD III	DUP	MEAN	RD I	RD II	RD III	DUP
TRICHLOROETHENE	15	*	1200	610	1200	1003	*	2000	2700	2600	2433	*	1800	2300	2200
TETRACHLOROETHENE	1790	0	29	15	30	19	0	49	75	50	44	**	34	50	45
trans-1,2-DICHLOROETHENE	3	1400	920	2500	3000	1955	1800	1100	4400	4200	2875	**	670	1700	1900
1,1,1-TRICHLOROETHANE	130	0	0	0	0	0	0	0	0		0	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
VINYL CHLORIDE	0	0	48	140	180	92	0	220	350	290	215	0	40	140	125
STYRENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0		0	0	0	0	0
TOTAL (SELECTED) VOLATILES	1938					3069					5567				

SAMPLING LOCATIONS	GW-3DD	GW-4S			GW-4D			GW-11S			GW-11D		
COMPOUNDS	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN
TRICHLOROETHENE	2100	19	10	15	200	390	295	85	100	93	70	80	75
TETRACHLOROETHENE	43	0	0	0	0	0	0	2	0	1	12	0	6
trans-1,2-DICHLOROETHENE	1423	21	*	21	790	1900	1345	0	*	0	0	300	150
1,1,1-TRICHLOROETHANE	0	0	0	0	0	*	0	0	*	0	0	*	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	72	0	36	220	0	110
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	60	60	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	76	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES	3642			36			1700			130			341

NOTES:
*-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985) (PPB)

SAMPLING LOCATIONS	GW-12S			GW-12D			BW-1			BSW-1			BW-2	
COMPOUNDS	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III
TRICHLOROETHENE	420	640	530	640	1100	870	31	0	16	590	480	535	19	32
TETRACHLOROETHENE	0	5	3	11	15	13	14	0	7	0	0	0	3	1
trans-1,2-DICHLOROETHENE	0	130	65	0	570	570	0	0	0	0	0	0	5	*
1,1,1-TRICHLOROETHANE	0	*	0	0	30	30	3	*	3	0	*	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	95	0	48	300	0	150	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			646			1633			26			535		

SAMPLING LOCATIONS	BW-2	BSW-2			BW-3			BW-4			BW-5		
COMPOUNDS	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN	RD I	RD III	MEAN
TRICHLOROETHENE	26	130	200	165	130	80	105	14	6	10	3500	2300	2900
TETRACHLOROETHENE	2	14	0	7	7	0	3	3	0	2	0	0	0
trans-1,2-DICHLOROETHENE	5	920	2100	1510	20	0	10	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	0	26	*	26	8	*	8	0	0	0	0	*	0
1,1-DICHLOROETHANE	0	28	0	14	5	0	3	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	4	0	2	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	33	300	167	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES	33			1889			131			12			2900

NOTES:
*-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 6 MEAN CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS FROM THE NUS/FIT FINAL SAMPLING ROUNDS (APRIL, MAY, JUNE 1985)(PPB)

SAMPLING LOCATIONS	BSSW-6			BSW-6				BSW-7			DW-7		
COMPOUNDS	RD I	RD III	MEAN	RD I	DUP	RD III	MEAN	RD I	RD III	MEAN	RD I	RD II	MEAN
TRICHLOROETHENE	440000	180000	310000	100000	110000	140000	116667	23	0	12	37	13	25
TETRACHLOROETHENE	0	0	0	0	0	0	0	4	0	2	0	3	2
trans-1,2-DICHLOROETHENE	0	0	0	0	0	0	0	*	0	0	6	80	43
1,1,1-TRICHLOROETHANE	*	0	0	3000	3200	7800	4667	0	*	0	0	0	0
1,1-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,2-DICHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1-DICHLOROETHENE	0	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	0	0	0	0	0	0	0	0	0	0	0	0	0
VINYL CHLORIDE	0	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-XYLENE	14000	0	7000	3950	4100	2000	3350	0	0	0	0	0	0
TOTAL (SELECTED) VOLATILES			317000				124684			14			70

*-Value rejected due to quality control review (data validation).
**-Value rejected due to statistical test for outliers.
RD I-April 1985 Sampling Round
RD II-May 1985 Sampling Round
RD III-June 1985 Sampling Round

TABLE 7 CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (PPB)

SAMPLE LOCATIONS		S68S	S68N	S71D	S72N	S74N	S77N	S78S	S79D	S80S	S80N	S80N
SAMPLE NUMBER		12477	12478	12433	12396	12475	12400	12416	12360	12359	12357	12358
TRAFFIC REPORT NUMBER		AB533	AB542	AB534	AB384	AB536	AB385	AB389	AB322	AB321	AB319	AB320
SEMIVOLATILE COMPOUNDS	CRDL											
PHENOL	10											
1,2-DICHLOROBENZENE	10		3 K					160				
BENZOIC ACID	50											
NAPHTHALENE	10											
2-METHYLNAPHTHALENE	10											
ACENAPHTHYLENE	10											
ACENAPHTHENE	10											
PHENANTHRENE	10											
FLUORANTHENE	10											
BIS(2-ETHYLHEXYL) PHTHALATE	10		5 K						1400	100	22	9 K
CHRYSENE	10											
DI-N-OCTYL PHTHALATE	10											
DILUTION FACTOR:		1	1	1	1	1	1	1	1	1	1	1
PESTICIDE COMPOUND												
CHLORDANE	0.50											

NOTES:

- Appendix B lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" - Indicates the compound was not detected.
- K - Indicates the Mass Spectra data meets identification for the compound detected, but the quantitative result is less than the specified detection limit but greater than zero.
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 7
CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATIONS		SB1S	SB1S	SB3	SB3	SB6S	SB6M	GO-1S	GO-1D	GO-1DD	GW-3S	GW-3D
SAMPLE NUMBER		12411	12412	12479	12480	12410	12409	12456	12458	12457	12453	12454
TRAFFIC REPORT NUMBER		AB395	AB388	AB538	AB539	AB387	AB386	AB528	AB530	AB529	AB531	AB532
SEMIVOLATILE COMPOUNDS	CRDL											
PHENOL	10						2.5 K					
1,2-DICHLOROBENZENE	10											
BENZOIC ACID	50											
NAPHTHALENE	10											
2-METHYLNAPHTHALENE	10											
ACENAPHTHYLENE	10											
ACENAPHTHENE	10											
PHENANTHRENE	10											
FLUORANTHENE	10											
BIS(2-ETHYLHEXYL) PHTHALATE	10			19					18	17		17
CHRYSENE	10											
DI-N-OCTYL PHTHALATE	10											
DILUTION FACTOR:		1	1	1	1	1	1	1	1	1	1	1
PESTICIDE COMPOUND												
CHLORDANE	0.50											

NOTES:
- Appendix D lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" - Indicates the compound was not detected.
- K - Indicates the Mass Spectra data meets identification for the compound detected, but the quantitative result is less than the specified detection limit but greater than zero.
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 7
CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND (ppb) PAGE THREE

SAMPLE LOCATIONS		GW-3BB	BW-5	BSW-1	BSW-7	BSSW-6	SW-04	SW-06	BLANK	BLANK	BLANK
SAMPLE NUMBER		12455	12426	12428	12421	12418	12484	12486	12356	12415	12436
TRAFFIC REPORT NUMBER		AB535	AB391	AB393	AB390	AB392	AB540	AB541	AB318	AB394	AB537
SEMIVOLATILE COMPOUNDS	CRDL										
PHENOL	10										
1,2-DICHLOROBENZENE	10					5.6 K					
BENZOIC ACID	50		50 J								
NAPHTHALENE	10					5.2 K					
2-METHYLNAPHTHALENE	10					3.1 K					
ACENAPHTHYLENE	10										
ACENAPHTHENE	10										
PHENANTHRENE	10										
FLUORANTHENE	10										
BIS(2-ETHYLHEXYL) PHTHALATE	10	230									
CHRYSENE	10										
DI-N-OCTYL PHTHALATE	10								4 K		
DILUTION FACTOR:		1	1	1	1	1	1	1	1	1	1
PESTICIDE COMPOUND											
CHLORDANE	0.50					0.25					

NOTES:
- Appendix D lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" - Indicates the compound was not detected.
- J - Quantitation is approximate due to quality control review (data validation).
- K - Indicates the Mass Spectra data meets identification for the compound detected, but the quantitative result is less than the specified detection limit but greater than zero.
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 8 CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb)

SAMPLE LOCATIONS		S64S	S64N	S64M	S64D	S81N	S81D	S85S	S85M	GO-1S	GO-1D	GO-1DD
SAMPLE NUMBER		12734	12735	12737	12736	12745	12744	12738	12739	12727	12729	12457
TRAFFIC REPORT NUMBER		AB707	AB708	AB710	AB709	AB713	AB714	AB711	AB712	AB703	AB705	AB704
SEMIVOLATILE COMPOUNDS	CRDL											
PHENOL	10											
1,2-DICHLOROBENZENE	10											
BENZOIC ACID	50											
NAPHTHALENE	10											
2-METHYLNAPHTHALENE	10											
ACENAPHTHYLENE	10											
ACENAPHTHENE	10											
PHENANTHRENE	10											
FLUORANTHENE	10											
BIS(2-ETHYLHEXYL) PHTHALATE	10		95 J		19 J				79 J			43 J
CHRYSENE	10											
DI-N-OCTYL PHTHALATE	10											
DILUTION FACTOR:		1	1	1	1	1	1	1	1	1	1	1

NOTES:
- \- Appendix D lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" \- Indicates the compound was not detected.
- J \- Quantitation is approximate due to quality control review (data validation).
- CRDL \- Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 8
CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATIONS		GW-3S	GW-3D	GW-3DD	BLANK
SAMPLE NUMBER		12724	12725	12726	12723
TRAFFIC REPORT NUMBER		AB396	AB701	AB702	AB706
SEMIVOLATILE COMPOUNDS	CRDL				
PHENOL	10				
1,2-DICHLOROBENZENE	10				
BENZOIC ACID	50				
NAPHTHALENE	10				
2-METHYLNAPHTHALENE	10				
ACENAPHTHYLENE	10				
ACENAPHTHENE	10				
PHENANTHRENE	10				
FLUORANTHENE	10				
BIS(2-ETHYLHEXYL) PHTHALATE	10	180 J		88 J	
CHRYSENE	10				
DI-N-OCTYL PHTHALATE	10				
DILUTION FACTOR:		1	1	1	1

NOTES:
- "BLANK SPACE" - Appendix D lists all of the compounds analyzed for in the samples.
- \- - Indicates the compound was not detected.
- J - Quantitation is approximate due to quality control review (data validation).
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).

TABLE 9 CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE ONE

SAMPLE LOCATIONS		S64D	S68S	S68M	S71D	S75S	S77S	S77SS	S78S	S81S	S81S	S81M
SAMPLE NUMBER		13207	13188	13187	13289	13206	13204	13205	13203	13194	13195	13297
TRAFFIC REPORT NUMBER		AC462	AC453	AC452	AC445	AC460	AC458	AC459	AC457	AC449	AC450	AC447
				a		b	b		b	b	b	
SEMIVOLATILE COMPOUNDS	CRDL											
PHENOL	10											
1,2-DICHLOROBENZENE	10								70 J			
BENZOIC ACID	50											
NAPHTHALENE	10					1244 J						
2-METHYLNAPHTHALENE	10					192 J						
ACENAPHTHYLENE	10					74 J						
ACENAPHTHENE	10					11 J						
PHENANTHRENE	10					32 J						
FLUORANTHENE	10					19 J						
BIS(2-ETHYLHEXYL) PHTHALATE	10	*		*		*	*	*	*	*		*
CHRYSENE	10				3.3 J							
DI-N-OCTYL PHTHALATE	10											
DILUTION FACTOR:		1	1	1	1	1	1	1	1	1	1	1

NOTES:
- Appendix D lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" - Indicates the compound was not detected.
- J - Quantitation is approximate due to quality control review (data validation).
- * - Value is rejected due to blank contamination identified in quality control review
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).
- a - Base/neutral fraction rejected due to quality control review
- b - Acid fraction rejected due to quality control review

TABLE 9
CLP EXTRACTABLE ORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND (ppb) PAGE TWO

SAMPLE LOCATIONS		SB1A	SB1B	BW-3	BW-7	BSW-7	BLANK	BLANK
SAMPLE NUMBER		13207	13190	13200	13199	13198	13293	13295
TRAFFIC REPORT NUMBER		AC448	AC461	AC456	AC455	AC454	AC451	AC446
SEMIVOLATILE COMPOUNDS	CRDL							
PHENOL	10							
1,2-DICHLOROBENZENE	10							
BENZOIC ACID	50							
NAPHTHALENE	10							
2-METHYLNAPHTHALENE	10							
ACENAPHTHYLENE	10							
ACENAPHTHENE	10							
PHENANTHRENE	10							
FLUORANTHENE	10							
BIS(2-ETHYLHEXYL) PHTHALATE	10	*	*	*	*	*	11	48
CHRYSENE	10							
DI-N-OCTYL PHTHALATE	10							
DILUTION FACTOR:		1	1	1	1	1	1	1

NOTES:
- Appendix B lists all of the compounds analyzed for in the samples.
- "BLANK SPACE" - Indicates the compound was not detected.
- * - Value is rejected due to blank contamination identified in quality control review
- CRDL - Contract required detection limit (multiply by dilution factor to obtain sample detection limit).
- a - Base/neutral fraction rejected due to quality control review.
- b - Acid fraction rejected due to quality control review.

TABLE 10

GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND

Sample Location		S79D	S80S	S80M	S80M(Dup.)	Blank
Sample No.		12360	12359	12357	12358	12356
Traffic Report No.		MAA215	MAA214	MAA212	MAA213	MAA21
Inorganic Elements	Detection Limits (ppb)					
Aluminum	1150	-	*	-	*	*
Antimony	50	-	-	-	-	-
Arsenic	6.1	32	-	-	-	-
Barium	78	-	-	-	-	-
Beryllium	1.1	-	-	-	-	-
Cadmium	5.0	-	-	-	-	-
Calcium	1000	41,000	20,000	24,000	24,000	-
Chromium	10	-	-	-	-	-
Cobalt	13	-	-	-	-	-
Copper	25	-	-	-	-	-
Iron	56	-	6100	-	-	-
Lead	2.1	-	2.3	-	3.0	-
Magnesium	720	4,600	5,600	6,500	6,800	-
Manganese	11	-	430	840	820	-
Mercury	0.20	-	-	-	-	-
Nickel	40	-	-	-	-	-
Potassium	890	8,800	3,100	3,900	4,200	-
Selenium	1.1	-	-	-	-	-
Silver	9.4	-	-	-	-	-
Sodium	750	20,000	61,000	37,000	38,000	-
Thallium	7.9	-	-	-	-	-
Tin	40	-	-	57J	-	-
Vanadium	17	-	-	-	-	-
Zinc	19	19	19	30	22	-

TABLE 10
GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUNDS
PAGE TWO

Sample Location		S68S	S68M	S71D	S74M	S83	S83(Dup.)	GW3S	GW3D
Sample No.		12477	12478	12433	12475	12479	12480	12453	12454
Traffic Report No.		MAA219	MAA220	MAA216	MAA218	MAA221	MAA222	MAA225	MAA226
Inorganic Elements	Detection Limits (ppb)								
Aluminum	23	1,000	5,800	2,800	5,900	710	740	41	-
Antimony	46	-	-	-	-	-	-	-	-
Arsenic	4	-	-	-	13	-	-	-	-
Barium	12	30	70	79	96	30	28	18	15
Beryllium	0.5	-	0.6	-	0.6	-	-	-	-
Cadmium	5	-	5.9	-	-	8	-	-	-
Calcium	290	37,000	75,000	74,000	150,000	62,000	62,000	53,000	86,000
Chromium	4	7.4	5.7	-	25	-	-	-	-
Cobalt	7	-	23	-	-	7.4	7.9	-	-
Copper	25	*	49	*	69	*	*	*	*
Iron	100	2,900	7,400	7,400	25,000	2,000	2,000	94	86
Lead	2	-	-	-	-	-	-	-	-
Magnesium	330	8,400	16,000	8,200	34,000	12,000	12,000	19,000	18,000
Mangenese	3	100	1,100	220	1,700	740	740	540	-
Mercury	0.1	-	-	-	-	-	-	-	-
Nickel	40	*	*	*	*	*	-	*	-
Potassium	470	2,500	4,400	8,800	7,200	4,900	5,100	10,000	3,100
Selenium	2	-	**	-	**	**	-	-	-
Silver	4	-	-	4.4J	-	-	-	-	-
Sodium	880	27,000	27,000	52,000	32,000	85,000	88,000	43,000	28,000
Thallium	4	-	-	-	-	-	-	-	-
Tin	36	-	-	-	-	-	-	-	-
Vanadium	4	11	27	8.2	11	-	-	-	-
Zinc	20	56	72	44	55	35	35	23	*

TABLE 10
GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL 1985 SAMPLING ROUND
PAGE THREE

Sample Location		GW3DB	G0S1S	G0S1D	G0S1DB
Sample No.		12455	12456	12458	12457
Traffic Report No.		MAA227	MAA228	MAA230	MAA229
Inorganic Elements	Detection Limits (ppb)				
Aluminum	23	-	-	79	47
Antimony	46	-	-	-	-
Arsenic	4	-	-	-	-
Barium	12	-	-	-	21
Beryllium	0.5	-	-	-	-
Cadmium	5	-	-	6.4	-
Calcium	290	63,000	21,000	77,000	36,000
Chromium	4	-	-	-	-
Cobalt	7	-	-	-	-
Copper	25	-	-	-	-
Iron	100	*	*	250	150
Lead	2	-	-	-	-
Magnesium	330	7,700	3,400	6,000	3,700
Mangenese	3	9.3	15	6.6	15
Mercury	0.1	-	-	-	-
Nickel	40	-	*	*	*
Potassium	470	3,300	2,600	1,200	2,100
Selenium	2	-	-	-	-
Silver	4	-	-	-	-
Sodium	880	17,000	24,000	23,000	23,000
Thallium	4	-	-	-	-
Tin	36	-	-	-	-
Vanadium	4	-	-	-	-
Zinc	20	*	22	27	48

- \- Element is not detected
- J - Quantitation is approximate due to quality control review (data validation).
- * - Value is rejected due to presence of blank contamination detected below contract required detection limit.
- ** - Value is rejected due to other contractual requirements identified in quality control review.

TABLE 11

GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND

Sample Location		S64S	S64M	S64M(Dup)	S64D	S81M	S81D	S85S	S85M
Sample No.		12734	12735	12737	12736	12745	12744	12738	12739
Traffic Report No.		MAA410	MAA411	MAA413	MAA412	MAA401	MAA402	MAA414	MAA415
Inorganic Elements	Detection Limits (ppb)								
Aluminum	1000	-	*	-	*	*	-	*	*
Antimony	60	-	-	-	-	-	-	-	-
Arsenic	10	-	-	-	-	-	-	-	-
Barium	100	-	-	-	-	-	-	-	-
Beryllium	5	19	-	-	25	-	-	16	-
Cadmium	65	*	*	*	*	*	*	*	*
Calcium	1000	46,400	50,000	50,000	89,000	56,000	24,000	39,000	64,000
Chromium	10	13	76	110	34	340	-	-	-
Cobalt	25	-	-	-	-	-	-	-	-
Copper	20	-	-	-	-	-	-	-	-
Iron	100	380	1000	-	750	2100	-	140	500
Lead	5	-	5.4	-	-	-	-	-	-
Magnesium	1000	9,100	11,000	11,000	12,000	-	3,600	6,100	15,000
Manganese	12	14	41	40	37	-	20	160	57
Mercury	0.2	-	-	-	-	-	-	-	-
Nickel	12	110	130	130	100	110	110	96	120
Potassium	2000	4,500	5,400	5,600	4,000	3,400	-	9,700	3,300
Selenium	5	-	-	-	-	-	-	-	-
Silver	10	-	-	-	-	-	-	-	-
Sodium	2000	56,000	58,000	60,000	33,000	12,000	14,000	47,000	28,000
Thallium	5	-	-	-	-	-	-	-	-
Tin	40	-	-	-	-	-	-	-	-
Vanadium	40	-	-	-	-	-	-	-	-
Zinc	15	20J	57J	32J	97J	24J	24J	27J	38J

TABLE 11
GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT MAY 1985 SAMPLING ROUND
PAGE TWO

Sample Location		GW3S	GW3D	GW3DB	G0S1S	G0S1D	G0S1DB	Blank
Sample No.		12724	12725	12726	12727	12729	12728	12723
Traffic Report No.		MAA403	MAA404	MAA405	MAA406	MAA408	MAA407	MAA409
Inorganic Elements	Detection Limits (ppb)							
Aluminum	1000	-	*	*	-	-	*	*
Antimony	60	-	-	-	-	-	-	-
Arsenic	10	-	-	-	-	-	-	-
Barium	100	-	-	-	-	-	-	-
Beryllium	5	-	-	-	-	-	6	-
Cadmium	65	*	*	*	*	-	*	*
Calcium	1000	46,000	71,000	61,000	19,000	37,000	70,000	-
Chromium	10	-	-	-	-	-	-	-
Cobalt	25	-	-	-	-	-	-	-
Copper	20	-	-	-	-	-	-	-
Iron	100	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-
Magnesium	1000	41,000	17,000	7,600	3,100	3,700	5,600	-
Manganese	12	460	98	-	-	-	-	-
Mercury	0.2	-	0.23J	-	-	-	-	-
Nickel	12	130	140	110	88	79	87	-
Potassium	2000	7,800	2,600	2,100	2,000	-	-	-
Selenium	5	-	-	-	-	-	-	-
Silver	10	-	-	-	-	13	-	-
Sodium	2000	41,000	27,000	16,000	24,000	21,000	23,000	-
Thallium	5	-	-	-	-	-	-	-
Tin	40	-	-	-	-	-	-	-
Vanadium	40	-	-	-	-	-	-	-
Zinc	15	39J	49J	-	18J	33J	59J	-

- - Element is not detected
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review.

TABLE 12
GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND

Sample Location		S64D	S68S	S68M	S71D	S75S	S77S	S77SS	S78S
Sample No.		13207	13188	13187	13289	13206	13204	13205	13203
Traffic Report No.		MAA663	MAA655	MAA654	MAA647	MAA662	MAA660	MAA661	MAA659
Inorganic Elements	Detection Limits (ppb)								
Aluminum	590	*	*	*	7230J	*	*	*	2290J
Antimony	345	*	*	*	-	*	*	*	*
Arsenic	15.5	*	*	*	*	16J	24J	*	*
Barium	120	*	*	*	223J	*	*	*	*
Beryllium	0.6	-	-	-	-	-	-	-	-
Cadmium	1.9	2.0	-	2.9	5.4	-	-	-	6.5
Calcium	2560	83900J	33600J	53300J	78600J	42400J	38200J	36100J	30300J
Chromium	2.9	-	-	-	-	-	-	-	5.4J
Cobalt	3.3	-	-	-	6.6	-	8.5	-	3.7
Copper	22.5	*	-	-	46J	*	*	*	*
Iron	690	*	*	*	18200J	17400J	1720J	1560J	2220J
Lead	8.5	21J	*	*	18J	-	-	-	-
Magnesium	565	12400J	8960J	13200J	10800J	6360J	7260J	7550J	7560J
Manganese	15.5	31J	17J	352J	435J	8710J	3880J	833J	2810J
Mercury	0.2	-	-	-	0.35	0.23	-	0.21	0.21
Nickle	5.0	-	-	-	11	-	9.8	-	6.3
Potassium	80	4300J	2000J	4300J	4500J	8000J	4500J	4800J	2300J
Selenium	4.8	-	-	-	-	-	-	-	-
Silver	3.9	4.9J	4.2J	13J	-	12J	-	13J	7.5J
Sodium	3185	33000J	27900J	27900J	49900J	14300J	62700J	50000J	27900J
Thallium	4.6	-	-	-	-	-	9.6	-	5.8
Tin	9.7	22J	-	14J	40J	19J	-	-	-
Vanadium	3.1	5.7J	10J	13J	16J	8.0J	-	9.1J	9.9J
Zinc	475	*	*	*	*	*	*	*	*

TABLE 12
GROUNDWATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT JUNE 1985 SAMPLING ROUND
PAGE TWO

Sample Location		S81D	BW3	BSW7	BW7	Blank
Sample No.		13190	13200	13198	13199	13295
Traffic Report No.		MAA664	MAA658	MAA656	MAA657	MAA648
Inorganic Elements	Detection Limits (ppb)					
Aluminum	590	*	*	*	*	118
Antimony	345	*	*	*	-	69
Arsenic	15.5	*	-	*	*	4.0
Barium	120	*	*	*	*	24
Beryllium	0.6	-	-	-	-	-
Cadmium	1.9	-	-	-	5.0	-
Calcium	2560	21300J	26200J	27100J	31400J	512
Chromium	2.9	-	-	-	-	-
Cobalt	3.3	-	-	3.8	12	-
Copper	22.5	*	*	-	*	5.9
Iron	690	*	*	3520J	16400J	138
Lead	8.5	10J	-	17J	-	3.1
Magnesium	565	3400J	5620J	5080J	6920J	113
Manganese	15.5	25J	538J	500J	728J	3.1
Mercury	0.2	0.5	0.20	-	-	-
Nickle	5.0	-	-	5.4	-	-
Potassium	80	-	2300J	4300J	4000J	-
Selenium	4.8	-	-	-	-	-
Silver	3.9	-	8.2J	-	-	-
Sodium	3185	15700J	33100J	17600J	30300J	-
Thallium	4.6	-	-	-	-	-
Tin	9.7	-	-	19J	-	-
Vanadium	3.1	3.1J	5.9J	4.6J	-	-
Zinc	475	*	*	*	*	95

NOTES: "-" - Indicates compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review.

TABLE 13
THE DISTRIBUTION OF ELEMENTS
IN GROUNDWATER FROM THE BEDROCK AND OVERBURDEN AQUIFERS
(ppb)

	Bedrock	Overburden
Aluminum (Al)	ND-7,230J	ND-5,900
Antimony (Sb)	ND	ND
Arsenic (As)	ND-32J	ND-24J
Barium (Ba)	ND-223J	ND-96
Beryllium (Be)	ND-25	ND-19
Cadmium (Cd)	ND-6.4	ND-8.0
Calcium (Ca)	21,300J-89,000	19,000-150,000
Chromium (Cr)	ND-34	ND-340
Cobalt (Co)	ND-6.6	ND-23
Copper (Cu)	ND-46J	ND-69
Iron (Fe)	ND-18,200J	ND-25,000
Lead (Pb)	ND-21J	ND-17J
Magnesium (Mg)	3,400-12,400	ND-41,000
Manganese (Mn)	ND-435J	ND-3,880J
Mercury (Hg)	ND-0.5	ND-0.23
Nickel (Ni)	ND-140	ND-130
Potassium (K)	ND-8,800	2,000-7,200
Selenium (Se)	ND	ND
Silver (Ag)	ND-13	ND-13J
Sodium (Na)	14,000-52,000	12,300-85,000
Thallium (Tl)	ND	ND-9.6
Tin (Sn)	ND-40J	ND-57J
Vanadium (V)	ND-16J	ND-27
Zinc (Zn)	ND-97J	22-72

NOTES: ND- Not detected
J - Quantitation approximate
Based on NUS/FIT sampling results conducted in April, May and June, 1985.

TABLE 14
THE OCURRENCES OF INORGANIC ELEMENTS
IN NUS/FIT GROUNDWATER SAMPLING ROUNDS

Sampling Round	April 1985	May 1985	June 1985
Element			
Aluminum (Al)	9 occurrences (41-5800 ppb)	ND-Many values rejected due to blank contamination.	2 occurrences (2290J, 7230J) Many values rejected due to blank contamination.
Antimony (Sb)	ND	ND	Rejected in most samples because of blank contamination.
Arsenic (As)	1 occurrence (32 ppb)	ND	2 occurrences(16J and 24J ppb) Many values rejected due to blank contamination.
Barium (Ba)	9 occurrences (15-96 ppb)	ND (note detection limit of 100 ppb)	1 occurrence (223J ppb) Many values rejected to due blank contamination.
Beryllium (Be)	2 occurrences (0.6 ppb)	4 occurrences (6-25 ppb)	ND
Cadmium (Cd)	3 occurrences (5.9-8.0 ppb)	All values rejected due to blank contamination	5 occurrences (2.0-6.5 ppb)
Calcium (Ca)	16 occurrences (20,000-150,000 ppb)	14 occurrences (19,000-89,000 ppb)	12 occurrences (21,300J-83,900J ppb)
Chromium (Cr)	3 occurrences (5.7-25 ppb)	5 occurrences (13-340 ppb)	1 occurrence (5.4J ppb)
Cobalt (Co)	3 occurrences (7.4-23 ppb)	ND	5 occurrences (3.7-12 ppb)
Copper (Cu)	2 occurrences (49,69 ppb)	ND	1 occurrence (46Jppb) Many values rejected due to blank contamination.
Iron (Fe)	11 occurrences (86-25,000 ppb)	6 occurrences (140-2100 ppb)	7 occurrences (1,560J-18,200J)
Lead (Pb)	2 occurrences (2.3-3.0 ppb)	1 occurrence (5.4 ppb)	4 occurrences (10J-21J ppb) A few values rejected due to blank contamination.

TABLE 14
THE OCCURRENCES OF INORGANIC ELEMENTS
IN NUS/FIT GROUNDWATER SAMPLING ROUNDS
PAGE TWO

Sampling Round	April 1985	May 1985	June 1985
Element			
Magnesium (Mg)	16 occurrences (3,400-34,000 ppb)	13 occurrences (3,100-41,000 ppb)	12 occurrences (2,970J-12,400J ppb)
Manganese (Mn)	14 occurrences (6.6-1700 ppb)	9 occurrences (14-460 ppb)	12 occurrences (17J-8,710J ppb)
Mercury (Hg)	ND	1 occurrence (0.23J)	6 occurrences (0.2-0.5 ppb)
Nickel (Ni)	ND-Some values rejected rejected due to blank contamination.	14 occurrences (79-140 ppb)	4 occurrences (5.4-11 ppb)
Potassium (K)	16 occurrences (1,200-8,800 ppb)	11 occurrences (2,100-9,700 ppb)	11 occurrences (2,000J-8,000J ppb)
Selenium (Se)	ND-Some values rejected as a result of quality control review.	ND	ND
Silver (Ag)	1 occurrence (4.4J ppb)	1 occurrence (13 ppb)	7 occurrences (4.2J-13J ppb)
Sodium (Na)	16 occurrences (1,200-88,000 ppb)	14 occurrences (12,000-60,000 ppb)	12 occurrences (14,300J-62,700J ppb)
Thallium (Tl)	ND	ND	2 occurrences (5.8, 9.6 ppb)
Tin (Sn)	1 occurrence (57J ppb)	ND	5 occurrences (14J-40J ppb)
Vanadium (V)	4 occurrences (8.2-27 ppb)	ND	10 occurrences (3.1-16 ppb)
Zinc (Zn)	14 occurrences (19-72 ppb)	13 occurrences (18J-97J ppb)	All values rejected due to blank contamination.
Total number of sampling locations	16	14	12

NOTES: ND -Element is not detected.
J -Quantitation is approximate due to quality control review (data validation).

TABLE 15

ELEMENT CONCENTRATION IN GROUNDWATER
(ppb)

	Groundwater*	Massachusetts Northeast Drainage Basin Area** Range	Area** median	NUS/FIT Data Range
Alumium (Al)	-	-	-	ND-7,230J
Antimony (Sb)	-	-	-	ND
Arsenic (As)	-	-	-	ND-32
Barium (Ba)	-	-	-	ND-223J
Beryllium (Be)	-	-	-	ND-25
Cadmium (Cd)	-	-	-	ND-25
Calcium (Ca)	-	4,600-62,000	21,000	19,000-150,000
Chromium (Cr)	-	-	-	ND-340
Cobalt (Co)	-	-	-	ND-23
Copper (Cu)	3.0	ND-900	20	ND-49
Iron (Fe)	-	ND-72,100	600	ND-25,000
Lead (Pb)	-	-	-	ND-21
Magnesium (Mg)	-	1,800-33,000	4,700	ND-41,000
Manganese (Mn)	15	ND-6,000	110	ND-1,700
Mercury (Hg)	-	-	-	ND-0.5
Nickel (Ni)	1.5	-	-	ND-140
Potassium (K)	-	1,000-6,000	2,200	ND-10,000
Selenium (Se)	0.4	-	-	ND
Silver (Ag)	-	-	-	ND-13J
Sodium (Na)	-	9,000-100,000	22,000	12,000-85,000
Thallium (Tl)	-	-	-	ND-9.6
Tin (Sn)	0.09	-	-	ND-57J
Vanadium (V)	2.0	-	-	ND-27
Zinc (Zn)	-	-	-	ND-97

NOTES: J - Quantitation is approximate
- - Value not available
ND- Not detected
* - Information from Geochemistry in Mineral Exploration 2nd Ed. by A.W. Rose, H.E. Hawkes, and J.S. Webb, 1979, Academic Press, N.Y.
** - Information from Delaney; D.F. and F.B. Gay 1980 Hydrology and Water Resources of the Coastal Drainage Basins of Northeastern Massachusetts, from Castle Neck River, Ipswich, to Mystic River, Boston. U.S. Geological Survey Hydrologic Investigations Atlas HA-589.

TABLE 16

ELEMENT CONCENTRATIONS IN SOILS
(ppm)

	Typical range in soils*	Regional mean concentration**
Aluminum (Al)	-	30,000
Antimony (Sb)	0.15-1.2	ND
Arsenic (As)	5-10	6.5
Barium (Ba)	100-1000	300
Beryllium (Be)	-	1-1.5
Cadmium (Cd)	0.15-1.0	-
Calcium (Ca)	-	7,900-12,000
Chromium (Cr)	12-100	30
Cobalt (Co)	5-12	7
Copper (Cu)	8-80	15
Iron (Fe)	-	15,000
Lead (Pb)	10-100	15
Magnesium (Mg)	-	5,000-7,000
Manganese (Mn)	120-1000	700
Mercury (Hg)	0.08-0.15	0.2-5.1
Nickel (Ni)	8-15	15
Potassium (K)	-	20,000
Selenium (Se)	0.10-1.0	0.3
Silver (Ag)	0.05-1.0	-
Sodium (Na)	-	10,000
Thallium (Tl)	0.05-1.0	ND
Tin (Sn)	1-8	ND
Vanadium (V)	80-110	70
Zinc (Zn)	12-100	45

NOTES:

- - No value provided
ND- Not detected
* - Taken from Trace Elements in Soils and Plants by A. Kabata-Pendias and H. Pendias 1984. CRC Press, Boca Raton, Florida.
** - Taken from Element Concentrations in Soils and Other Surficial Material in the Conterminous United States. U.S. Geological Survey Professional Paper 1270 1984.

TABLE 17
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL 1985 SAMPLING ROUND

Sample Location		S22	S68S	S68M	S73S	S73S(Dup)	S73D	S74M	S74D
Sample Number		12481	12477	12478	13082	12474	12473	12475	12476
Case Number 1623A									
Inorganic Elements	Detection Limits (ppb)								
Arsenic (As)	3	15	-	-	-	70	-	17	-
Barium (Ba)	1	324	68	15	89	516	105	413	42
Cadmium (Cd)	60	-	-	-	-	*	-	-	-
Calcium (Ca)	6	45,100	31,900	59,400	60,900	71,900	88,900	135,000	39,100
Chromium (Cr)	215	*	*	-	*	242	*	*	-
Copper (Cu)	165	*	*	*	*	450	*	185	*
Iron (Fe)	2	**	**	**	**	**	**	**	**
Lead (Pb)	1995	-	-	-	-	-	-	-	-
Manganese (Mn)	1	**	**	**	**	**	**	**	**
Mercury (Hg)	0.2	-	-	-	-	-	-	-	-
Selenium (Se)	3	-	-	-	-	-	-	-	-
Silver (Ag)	160	-	-	-	-	-	-	-	-
Sodium (Na)	30	91,400	25,100	28,400	26,600	75,200	16,500	32,200	20,400
Zinc (Zn)	90	183	*	*	*	396	121	215	*

NOTES: - - Indictates the compound was not detected.
* - Value is rejected due to blank contamination identified in quality control review.
** - Value is rejected due to other contractual requirements identified in quality control review.

TABLE 17
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE
DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL 1985 SAMPLING ROUND
PAGE TWO

Sample Location		OW-7	OW-8	OW-19	OW-19A	OW-20	OW-20A	Blank
Sample Number		12481	12477	12478	13082	12474	12473	12475
Case Number 1623A								
Inorganic Elements	Detection Limits (ppb)							
Arsenic (As)	3	108	-	-	15	15	342	-
Barium (Ba)	1	21	26	21	21	24	48	13
Cadmium (Cd)	60	-	-	-	-	-	-	12
Calcium (Ca)	6	32,300	129,000	21,500	17,800	46,700	40,900	199
Chromium (Cr)	215	-	-	-	-	-	*	43
Copper (Cu)	165	*	*	*	*	*	*	33
Iron (Fe)	2	**	**	**	**	**	**	65
Lead (Pb)	1995	-	-	-	-	-	-	665
Manganese (Mn)	1	**	**	**	**	**	**	1.1
Mercury (Hg)	0.2	-	-	-	-	-	0.5	-
Selenium (Se)	3	-	-	-	-	-	-	-
Silver (Ag)	160	-	-	-	-	-	-	32
Sodium (Na)	30	18,200	28,300	51,900	33,500	22,900	131,000	232
Zinc (Zn)	90	*	*	357	226	*	123	18

NOTES: - - Indictates the compound was not detected.
* - Value is rejected due to blank contamination identified in quality control review.
** - Value is rejected due to other contractual requirements identified in quality control review.

TABLE 18
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT JUNE 1985 SAMPLING ROUND

Sample Locations		S64S	S64M	S72S	S72M	Blank	Blank
Sample Numbers		MAA643	MAA644	MAA646	MAA645	MAA642	MAA651
Case Number 4574							
Inorganic Element	Detection Limits (ppb)						
Aluminum	25	-	-	55	27	-	-
Antimony	31	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-
Barium	12	22	21	104	45	-	-
Beryllium	0.3	-	-	-	-	-	-
Cadmium	4	-	4.4	5.7	-	-	-
Calcium	2780	41,000	51,800	77,800	68,500	556	-
Chromium	4	-	-	-	-	-	-
Cobalt	4	-	-	9.8	-	-	-
Copper	3	-	5.6	-	-	-	-
Iron	15	-	30	4930	6110	-	-
Lead	16.5	*	*	*	*	3.5	-
Magnesium	250	-	-	17,200	11,900	-	-
Manganese	25.5	7,300	10,100	5,650	872	-	5.1
Mercury	0.1	17	38	-	-	-	-
Nickel	5	-	-	11	-	-	-
Potassium	990	5,500	5,530	6,660	5,070	-	-
Selenium	3	-	-	-	-	-	-
Silver	3	-	-	-	-	-	-
Sodium	590	58,900J	63,800J	111,000J	40,400J	1,160	-
Thallium	3	-	-	-	-	-	-
Tin	17	-	-	-	-	-	-
Vanadium	4	-	-	-	-	-	-
Zinc	590	*	*	*	*	118	-

NOTES: "-" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review.

TABLE 18
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT JUNE 1985 SAMPLING ROUND
PAGE TWO

Sample Locations		S86S	S68M	S76S	S76M	S76D	S78S	S84S	S84M	S84D	BW-1
Sample Numbers		MAA636	MAA635	MAA637	MAA638	MAA639	MAA630	MAA628	MAA627	MAA633	MAA629
Case Number 4574											
Inorganic Element	Detection Limits (ppb)										
Aluminum	25	-	-	2880	39	1200	87	27	35	588	-
Antimony	31	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-
Barium	12	-	12	74	23	45	-	57	-	28	-
Beryllium	0.3	-	0.8	-	-	-	-	-	-	-	-
Cadmium	4	-	4.2J	6.1J	-	37J	5.7J	-	-	5.8J	-
Calcium	280	35,200	52,200	30,300	41,200	66,300	32,200	24,900	20,500	38,000	23,000
Chromium	4	-	-	4J	5.2J	5.1J	-	-	-	4.8J	-
Cobalt	4	-	4.3	-	-	-	-	-	-	-	-
Copper	15.3	5J	5.4J	34J	*	132J	*	*	*	52J	*
Iron	120	*	*	972J	133J	2650J	*	136J	*	1,230J	*
Lead	10.5	7910	-	12J	*	*	-	*	-	*	-
Magnesium	250	-	11,600	4590	8,830	8,920	6,420	5,460	4,440	8,330	5,230
Manganese	5	-	329	443	50	258	2,820	171	129	226	14
Mercury	0.1	-	-	-	-	-	-	-	-	-	-
Nickel	5	2,440	6.8	6.2	6.5	7.6	5.9	-	-	-	5.7
Potassium	990	-	3,970	8,110	3,250	4,190	2,570	2,590	2,760	3,320	2,120
Selenium	3	-	-	-	-	-	-	-	-	-	-
Silver	3	32,600	-	-	4.5	-	-	-	-	-	-
Sodium	13850	-	34,600	30,800	45,700	16,100	29,900	26,100	17,200	17,600	15,900
Thallium	3	-	-	-	-	-	-	-	-	-	-
Tin	17	-	-	-	-	-	-	-	-	-	-
Vanadium	4	128	-	-	-	-	-	-	-	-	-
Zinc	2	-	-	55	404	743	42	54	54	73	42

NOTES: "-" - Indicates the compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to the presence of blank contamination detected below CRDL (Contract Required Detection Limit).

TABLE 19
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL AND JUNE, 1985 SAMPLING ROUNDS

Sample Location		S22	S68S	S68M	S68M (Dup)	S73S	S73D	S74M	S74D
Sample Number		12481	12477	12478	13082	12474	12473	12475	12476
Case Number 1623A									
	Detection Limit								
pH	0.01 units	6.23	7.30	7.56	7.51	5.65	6.55	6.73	8.14
MBAS (Surfactants)	0.1 ppm	0.11	-	-	-	-	0.27	-	-
Fluoride	0.2 ppm	-	-	-	-	-	-	-	0.276
Nitrate	0.05 ppm	7.20	-	3.56	3.59	-	-	-	-
Sulfate	1.0 ppm	67.4	43.7	56.2	60.0	21.7	27.3	49.6	27.3
Chloride	1.0 ppm	299.0	69.3	98.3	86.6	117.0	330.0	205.0	81.0
Total Dissolved Solids	5.0 ppm	474	182	505	425	201	684	623	461
Langlier Saturation Index @ 25°C		-2.4	-1.9	-0.3	-0.2	-2.0	-0.6	0.1	0.3
Color (chloroplatinate units)		0	0	0	0	500	225	0	0
Threshold of Odor Number	1	16	8	8	16	2	4	8	8
Alkalinity	0.6 ppm	32.4	39.0	101.0	100.0	49.8	190.0	190.0	38.0

NOTES: "-" - Indicates the compound was not detected.
* - Indicates odor was not observed.

TABLE 19
CLP INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE
DRINKING WATER QUALITY STANDARDS
PAGE TWO

Sample Location		OW-7	OW-8	OW19	OW19A	OW20	OW20A	Blank
Sample Number		12489	12990	12207	12206	12204	12205	12435
Case Number 1623A								
	Detection Limit							
pH	0.01 units	5.92	7.51	6.75	7.05	6.98	7.14	6.02
MBAS (Surfactants)	0.1 ppm	-	-	-	-	-	-	-
Fluoride	0.2 ppm	-	-	0.232	0.624	-	3.89	-
Nitrate	0.05 ppm	-	0.89	0.19	-	0.14	-	-
Sulfate	1.0 ppm	45.0	65.6	120.0	69.0	61.0	180.0	-
Chloride	1.0 ppm	86.5	139.0	28.4	22.5	56.0	103.0	-
Total Dissolved Solids	5.0 ppm	248	562	426	256	339	667	10
Langlier Saturation Index @ 25°C		-2.0	0.4	-2.2	-2.1	-0.7	-0.5	-6.4
Color (chloroplatinate units)		20	5	15	30	15	175	0
Threshold of Odor Number	1	4	*	*	2	*	8	*
Alkalinity	0.6 ppm	53.0	181.0	49.0	58.0	85.0	170.0	1.0

NOTES: "-" -Indicates the compound was not detected.
* - Indicates odor was not observed.

TABLE 20
INORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL AND JUNE, 1985 SAMPLING ROUNDS

Sample Location	S64S	S64M	S68M	S68D	S72S	S72M	S76S	S76M	S76D	S78S	S81S*	S81M	BW-1	Blank	Blank	Blank	Blank
Sample Number	13184	13294	13188	13187	13298	13299	13193	13191	13192	13203	13194/95	13297	13201	13293	13295	13281	13282
Analysis																	
pH Standard Units	7.9	7.7	7.5	7.8	7.3	7.9	7.8	8.0	7.8	7.3	6.9/7.5	8.0/9.4	7.6	5.6	5.5	7.0/9.5	7.9
Alkalinity Total ($CaCo_3$)	48	53	39	75	102	88	37	90	90	66	29/31	18	53	3.0	0	13	1.9
Chemical Oxygen Demand	49	9.6	55	36	146	47	33	51	51	48	69/59	19	13	1.9	0	13	19
Hardness ($CaCO_3$)	85	118	95	140	180	163	55	85	155	68	190/225	45	53	-	-	48	120
Calcium (Ca)	34	47	38	56	72	65	22	34	61	27	76/90	18	21	0.1	0	19	48
Suspended Solids	123	24	6.0	90	8.0	16	4.0	2.0	12	6.0	16/6.0	10	33	0	0	6.0	4.8
Sulfate (SO_4)	42	42	40	42	31	38	41	45	41	43	30/31	17	35	3.0	4.0	18	38
Chloride (Cl)	100	120	75	95	95	125	40	56	58	43	305/290	42	39	1.0	2.0	40	60
Nitrogen (nitrate)	3.2	4.8	3.4	3.2	0	0	3.3	4.0	0.4	0	1.5/0.6	0.5	1.3	0	0	0.5	1.2
Total Solids	410	460	340	410	850	590	250	350	360	250	1060/810	270	230	20	0	260	230
Total Dissolved Solids	382	458	334	382	842	574	246	348	348	244	1044/804	260	230	20	0	254	224

NOTES: Analysis provided by the Commonwealth of Massachusetts Department of Environmental Quality Engineering Lawrence Experimental Station.
* - Duplicate Samples

All results reported in parts per million (ppm) except pH (standard units).

TABLE 21
MICROBIOLOGICAL ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL AND JUNE, 1985 SAMPLING ROUNDS

Sample Location Sample Number	S64S 13184	S64M 13294	S68M 13188	S68D 13187	S72S 13298	S72M 13299	S76S 13193	S76M 13191	S76D 13192	S81S 13194	S81S 13195	S81M 13287	S81M 13297	S84D 13182	Blank 13293	Blank 13295
Fermentation Tube Method																
Total Coliform (MPN/100 ml)	2.0	4.5	33	7.8	33	23	<2.0	<2.0	<2.0	<2.0	23	<2.0	4.5	13	<2.0	<2.0
Fecal Coliform (MPN/100 ml)	<2.0	<2.0	<2.0	<2.0	33	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Membrane Filter Method																
Coliform (MFC/100 ml)	*	*	*	*	*	*	*	0	*	0	*	*	*	*	0	0
Fecal (MFC/100 ml)	*	*	*	*	*	*	*	0	*	0	*	*	*	*	0	0

NOTES:

MPN/100 ml - multitube counts per 100 ml
MFC/100 ml - membrane filter count per 100 ml

* - Sample was not analyzed due to high turbidity.

TABLE 22
CLP ORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL AND JUNE, 1985 SAMPLING ROUNDS

Sample Location		S22	S68S	S68M	S68M	S73S	S73D	S74M	S74D
Sample Number		12481	12477	12478	13082	12474	12473	12475	12476
Case Number 1623A									
SDWA Pesticides	Detection Limit (ppb)								
Lindane	0.004	-	-	-	-	-	-	-	-
Endrin	0.006	-	-	-	-	-	-	-	-
Methoxychlor	0.25	-	-	-	-	-	-	-	-
Toxaphene	0.24	-	-	-	-	-	-	-	-
SDWA Herbicides									
2,4-D	0.1	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	0.05	-	-	-	-	-	-	-	-
Dilution Factor		1	1	1	1	1	1	1	1

NOTES: "-" - Indicates the compound was not detected.
Detection Limit - Multiply by dilution factor to obtain sample detection limit.
SDWA - Safe Drinking Water Act.

TABLE 22
CLP ORGANIC ANALYTICAL RESULTS FOR FEDERAL AND STATE
DRINKING WATER QUALITY STANDARDS
NUS/FIT APRIL AND JUNE, 1985 SAMPLING ROUNDS
PAGE TWO

Sample Location		OW-7	OW-8	OW19	OW19A	OW20	OW20A	Blank
Sample Number		12489	12490	12207	12206	12204	12205	12435
Case Number 1623A								
SDWA Pesticides	Detection Limit (ppb)							
Lindane	0.004	-	-	-	-	-	-	-
Endrin	0.006	-	-	-	-	-	-	-
Methoxychlor	0.25	-	-	-	-	-	-	-
Toxaphene	0.24	-	-	-	-	-	-	-
SDWA Herbicides								
2,4-D	0.1	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	0.05	-	-	-	-	-	-	-
Dilution Factor		1	1	1	1	1	1	2

NOTES: "-" - Indicates the compound was not detected.
Detection Limit - Multiply by dilution factor to obtain sample detection limit.
SDWA - Safe Drinking Water Act.

TABLE 23
NUS/FIT ANALYTICAL SCREENING RESULTS OF
SURFACE WATER AND SEDIMENT SAMPLES FROM NUS/FIT INITIAL SAMPLING ROUND
AUGUST, 1984

SAMPLE NUMBER	77570	77571	77574	77575	77576	77577	77572	77573
SAMPLE LOCATION	SW-01	SS-01	SW-02	SW-02	SS-02	SS-02	SW-04	SS-04
Tentative Identification								
trichloroethene	*	D*	*	*	-	D*	*	-
trans-1,2-dichloroethene	-	-	-	-	-	-	-	-
tetrachloroethene	-	-	-	-	-	-	-	-
benzene	-	-	-	-	-	-	-	-
toluene	-	-	-	-	-	-	-	-
ethylbenzene	-	-	-	-	-	-	-	-
m-xylene	-	-	-	-	-	-	-	-
o-xylene	-	-	-	-	-	-	-	-

ppb
<10.0 *
- not detected

D* - Detected, but headspace analysis of soils and sediments can not be quantified.
SW - surface water sample
SS - sediment sample

All samples were screened in-house by NUS chemists utilizing a Photovac 10A10 GC for volatile organic headspace analysis. It should be stressed that the results garnered from this screening technique are qualitative and indicate the presence of contaminant compounds. They should not be used as quantitative results. Therefore, all concentrations are given in ranges. In addition, compound identification is tentative in that compounds were identified by comparison of retention time of sample compounds to the retention times of various standards.

TABLE 24
SURFACE WATER CLP
VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL, MAY, JUNE 1985 SAMPLING ROUNDS

		April 1985 Sampling Round								May 1985 Sampling Round						
Sample Locations		SW-01	SW-02	SW-02	SW-03	SW-03	SW-04	SW-05	SW-06	SW-01	SW-02	SW-03	SW-03	SW-04	SW-05	SW-06
Sample Number		12361	12362	12363	12482	12483	12484	12485	12486	12807	12808	12809	12810	12811	12812	12813
Traffic Report Number		AB323	AB324	AB325	AB514	AB515	AB540	AB516	AB541	AB917	AB918	AB919	AB920	AB921	AB922	AB923
Volatile Compounds	CRDL															
Chloromethane	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoethane	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	*	-	*	*	*	*	*	*	*	*
Acetone	10	*	*	*	-	-	-	-	-	*	-	-	-	-	*	*
Carbon Disulfide	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichlorethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	22	21	-	-	-
Chloroform	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	10	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	2 J	5 J	5 J	5	6	7 J	8	10 J	4 J	3 J	-	-	3 J	5	7
Carbon Tetrachloride	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	-	-	-	-	-	-	-	*	-	-	26	25	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	1 J	-	-	-	-	-	-	-	-	4 J	3 J	-	-	-
Chlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dilution Factor		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NOTES: - - Indicates compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review.
CRDL - Contract Required Detection Limit (multipy by dilution factor to obtain sample detection limit).

TABLE 24
SURFACE WATER CLP
VOLATILE ORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL, MAY, JUNE 1985 SAMPLING ROUNDS
PAGE TWO

June 1985 Sampling Round

Sample Location		SW-01	SW-02	SW-03	SW-04	SW-04	SW-05	SW-06
Sample Number		13274	13275	13276	13277	13278	13279	13280
Traffic Report Number		AC234	AC249	AC250	AC251	AC252	AC253	AC254
Volatile Compounds	CRDL							
Chloromethane	10	-	-	-	-	-	-	-
Bromoethane	10	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-
Methylene Chloride	5	-	*	*	*	*	*	*
Acetone	10	-	-	-	-	-	-	-
Carbon Disulfide	5	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-
1,1-Dichlorethane	5	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	5	-	-	-	-	-	-	-
Chloroform	5	-	*	*	*	*	*	-
1,2-Dichloroethane	5	-	-	-	-	-	-	-
2-Butanone	10	-	*	-	*	*	-	-
1,1,1-Trichloroethane	5	*	-	-	-	-	*	-
Carbon Tetrachloride	5	-	-	-	-	-	-	-
Vinyl Acetate	10	-	-	-	-	-	-	-
Bromodichloromethane	5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	-	-
1,2-Dichloropropane	5	-	-	-	-	-	-	-
trans-1,3-Dichloropropane	5	-	-	-	-	-	-	-
Trichloroethene	5	-	-	-	-	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-
1,1,2-Trichloroethane	5	-	-	-	-	-	-	-
Benzene	5	-	-	-	-	-	-	-
cis-1,3-Dichloropropane	5	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	10	-	-	-	-	-	-	-
Bromoform	5	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-
Tetrachloroethene	5	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-
Chlorobenzene	5	-	-	-	-	-	-	-
Ethylbenzene	5	-	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	-	-
Total Xylene	5	-	-	-	-	-	-	-
Dilution Factor		1	5	5	5	5	5	5

NOTES: - - Indicates compound was not detected.
J - Quantitation is approximate due to quality control review (data validation).
* - Value is rejected due to blank contamination identified in quality control review.
CRDL - Contract Required Detection Limit (multipy by dilution factor to obtain sample detection limit).

TABLE 25
SURFACE WATER CLP INORGANIC ANALYTICAL RESULTS
NUS/FIT APRIL, 1985 SAMPLING ROUND

Sample Location		SW04	SW06	Blank
Sample No.		12484	12486	12436
Traffic Report No.		MAA223	MAA224	MAA217
Inorganic Elements	Detection Limits (ug/L)			
Aluminum	23	-	25	-
Antimony	46	-	-	-
Arsenic	4	-	-	-
Barium	12	-	24	-
Beryllium	0.5	-	0.7	-
Cadmium	5	-	6	-
Calcium	290	43,000	39,000	-
Chromium	4	-	4.3	-
Cobalt	7	-	-	-
Copper	25	*	*	4.9
Iron	100	290	340	-
Lead	2	-	-	-
Magnesium	330	8,100	7,400	-
Manganese	3	460	480	-
Mercury	0.1	-	-	-
Nickel	40	-	*	-
Potassium	470	5,700	4,700	-
Selenium	2	-	-	-
Silver	4	-	5.9	-
Sodium	880	70,000	59,000	-
Thallium	4	-	-	-
Tin	36	-	-	-
Vanadium	4	-	-	-
Zinc	20	150	170	7.1

- - Element is not detected.
* - Value is rejected due to presence of blank contamination detected below contract required detection limit.