183-H Basins

Analytical data obtained for the ground water near the 183-H Basins have indicated the presence of metals, anions, radionuclides, and a volatile organic chemical. The metals that have been detected include chromium, sodium, iron, potassium, barium, copper, manganese, nickel, vanadium, calcium, and aluminum. Of the metals which have a Primary Drinking Water Standard, only chromium has consistently exceeded the standard, with concentrations in wells 199-H4-5, 100-H4-3, and 199-H4-4 being on the order of about 500 ppb, 1000 ppb, and 600 ppb, respectively.

Anions including chloride, nitrate, and sulfate have consistently been detected. Nitrate has exceeded the Primary Drinking Water Standard in wells 199-H4-3, 199-H4-4, and 199-H3-1, with concentrations being generally about 400,000 to 1,000,000 ppb in wells H4-3 and H4-4, and about 65,000 ppb in well H3-1. A cation (ammonium) has also been detected.

The volatile organic chemical that has been detected is chloroform, with the detected concentrations being on the order of about 20 to 30 ppb. At present, there is no standard for this chemical.

The analyses for gross alpha and gross beta have indicated the presence of radionuclides. Gross alpha has exceeded the 15 pCi/ℓ level expressed in the Drinking Water Standard, and the gross beta results have in some cases been above the 50 pCi/ℓ screening level at which more investigation is needed before calculating dose.

As mentioned previously, our data base for these constituents is still very limited. We will provide you with more results as they become available.

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HAZARDOUS WASTE CONSTITUENTS - GROUNDWATER MONITORING

Code	Code Name	Constituent
A01	berylam	berylliam
A02	osmium	osmium
A03	stronum	strontium
A04	zinc	zinc
A05	calcium	calcium
A06	barium	barium
A07	cadmium	cadmium
A08	chromum	chromium
A10	silver	silver
A11	sodium	sodium
A12	nickel	nickel
A13	copper	copper
A14	vanadum	vanadium
A15	antiony	antimony
A16	alumnum	aluminum
A17	mangese	manganese
A18	potasum	potassium
A19	iron	iron
A20	arsenic	arsenic
A21	mercury	mercury
A22	selenum	selenium
A23	thalium	thallium
A24	thioura	thiourea
A25	acetrea	1-acetyl-2-thiourea
A26	chlorea	1-(o-chlorophenyl) thiourea
A27	dietrol	diethylstilbesterol
A28	ethyrea	ethylenethiourea
A29	naphrea	1-naphthyl-2-thiourea
A30	nitrrea	N-nitroso-N-ethylurea
A31	nitrmet	N-nitroso-N-methylurea
A32	phenrea	N-phenylthiourea
A33	endrin	endrin
A34	methlor	methoxychlor
A35	toxaene	toxaphene
A36	a-BHC	alpha-BHC
A37	b-BHC	beta-BHC
A38	g-BHC	gamma-BHC
A39	d-BHC	delta-BHC
A40	DDD	DDD
A41	DDE	DDE
A42	DDT	DDT
A43	heptlor	heptachlor
A44	heptide	heptchlor epoxide
A45	kepone	kepone
A46	dielrin	dieldrin
A47	aldrin	aldrin
A48	chloane	chlordane
A49	~~endsfan~~ endo1	endosulfan I
A50	magnes	magnesium
A52	endo2	endosulfan II

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A51	leadgf	lead (graphite furnace)
A54	Ar1016	Arochlor 1016
A55	Ar1221	Arochlor 1221
A56	Ar1232	Arochlor 1232
A57	Ar1242	Arochlor 1242
A58	Ar1248	Arochlor 1248
A59	Ar1254	Arochlor 1254
A60	Ar1260	Arochlor 1260
A61	tetrane	tetrachloromethane
A62	benzene	benzene
A63	dioxane	dioxane
A64	methone	methyl ethyl ketone
A65	pyridin	pyridine
A66	toluene	toluene
A67	1,1,1-t	1,1,1-trichloroethane
A68	1,1,2-t	1,1,2-trichloroethane
A69	tricene	trichloroethylene
A70	percene	perchloroethylene
A71	opxyle	xylene-o,p
A72	acrolin	acrolein
A73	acryile	acrylonitrile
A74	bisther	bis(chloromethyl) ether
A75	bromone	bromoacetone
A76	methbro	methyl bromide
A77	carbide	carbon disulfide
A78	chlbenz	chlorobenzene
A79	chlther	2-chloroethyl vinyl ether
A80	chlform	chloroform
A81	methchl	methyl chloride
A82	chmther	chloromethyl methyl ether
A83	crotona	crotonaldehyde
A84	dibrchl	1,2-dibromo-3-chloropropane
A85	dibreth	1,2-dibromoethane
A86	dibrmet	dibromomethane
A87	dibuten	1,4-dichloro-2-butene
A88	dicdifm	dichlorodifluoromethane
A89	1,1-dic	1,1-dichloroethane
A90	1,2-dic	1,2-dichloroethane
A91	trandce	trans-1,2-dichloroethene
A92	dicethy	1,1-dichloroethylene
A93	methych	methylene chloride
A94	dicpane	1,2-dichloropropane
A95	dicpene	1,3-dichloropropene
A96	NNdiehy	N,N-diethylhydrazine
A97	1,1-dim	1,1-dimethylhydrazine
A98	1,2-dim	1,2-dimethylhydrazine
A99	hydrsul	hydrogen sulfide
B01	iodomet	iodomethane
B02	methacr	methacrylonitrile
B03	meththi	methanethiol
B04	pentach	pentachloroethane
B05	1112-tc	1,1,1,2-tetrachlorethane
B06	1122-tc	1,1,2,2-tetrachlorethane

B08	bromorm	bromoform
B09	trcmeol	trichloromethanethiol
B10	trcmflm	trichloromonofluoromethane
B11	trcpane	trichloropropane
B12	123-trp	1,2,3-trichloropropane
B13	vinyide	vinyl chloride
B14	m-xyle	xylene-m
B15	diethy	diethylarsine
B19	acetile	acetonitrile
B20	acetone	acetophenone
B21	warfrin	warfarin
B22	acefene	2-acetylaminofluorene
B23	aminoyl	4-aminobyphenyl
B24	amiisox	5-(aminomethyl)-3-isoxazolol
B25	amitrol	amitrole
B26	aniline	aniline
B27	aramite	aramite
B28	auramin	auramine
B29	benzcac	benz[c]acridine
B30	benzaan	benz[a]anthracene
B31	bendicm	benzene, dichloromethyl
B32	benthol	benzenethoil
B33	bendine	benzidine
B34	benzbfl	benzo[b]fluoranthene
B35	benzjfl	benzo[j]fluoranthene
B36	pbenzqu	p benzoquinone
B37	benzchl	benzyl chloride
B38	bis2chm	bis(2-chloroethoxy) methane
B39	bis2che	bis(2-chloroethyl) ether
B40	bis2eph	bis(2-ethylhexyl) phthalate
B41	brophen	4-bromophenyl phenyl ether
B42	butbenp	butyl benzyl phthalate
B43	butdinp	2-sec-butyl-4,6-dinitrophenol
B44	chaleth	chloroalkyl ethers
B45	chlanil	p-chloroaniline
B46	chlcres	p-chloro-m-cresol
B47	chlepox	1-chloro-2,3-epoxypropane
B48	chlnaph	2-chloronaphthalene
B49	chlphen	2-chlorophenol
B50	chrysen	chrysene
B51	cresols	cresols
B52	cychdin	2-cyclohexyl-4,6-dinitrophenol
B53	dibahac	dibenz[a,h]acridine
B54	dibajac	dibenz[a,j]acridine
B55	dibahan	dibenz[a,h]anthracene
B56	dibcgca	7H-dibenzo[c,g]carbazole
B57	dibaepy	dibenzo[a,e]pyrene
B58	dibahpy	dibenzo[a,h]pyrene
B59	dibaipy	dibenzo[a,i]pyrene
B60	dibphth	di-n-butyl phthalate
B61	12-dben	1,2-dichlorobenzene
B62	13-dben	1,3-dichlorobenzene
B63	14-dben	1,4-dichlorobenzene
B64	dichben	3,3'-dichlorobenzidine

B65	24-dchp	2,4-dichlorophenol
B66	26-dchp	2,6-dichlorophenol
B67	diephth	diethyl phthalate
B68	dihysaf	dihydrosafrole
B69	dimethb	3,3'-dimethoxybenzidine
B70	dimeamb	p-dimethylaminoazobenzene
B71	dimbenz	7,12-dimethylbenz[a]anthracene
B72	dimeylb	3,3'-dimethylbenzidine
B72	thionox	thiofanox
B74	dimpham	alpha,alpha-dimethylphenethylamine
B75	dimphen	2,4-dimethylphenol
B76	dimphth	dimethyl phthalate
B77	dinbenz	dinitrobenzene
B78	dincres	4,6-dinitro-o-cresol and salts
B79	dinphen	2,4-dinitrophenol
B80	24-dint	2,4-dinitrotoluene
B81	26-dint	2,6-dinitrotoluene
B82	diophth	di-n-octyl phthalate
B83	diphami	diphenylamine
B84	diphhyd	1,2-diphenylhydrazine
B85	diprnit	di-n-propylnitrosamine
B86	ethmine	ethyleneimine
B87	ethmeth	ethyl methanesulfonate
B88	fluoran	fluoranthene
B89	hexcben	hexachlorobenzene
B90	hexcbut	hexachlorobutadiene
B91	hexccyc	hexachlorocyclopentadiene
B92	hexceth	hexachloroethane
B93	indenop	indeno(1,2,3-cd)pyrene
B94	isosole	isosafrole
B95	maloile	malononitrile
B96	melphal	melphalan
B97	methapy	methapyrilene
B98	methnyl	metholonyl
B99	metazir	2-methylaziridine
C01	metchan	3-methylcholanthrene
C02	metbisc	4,4'-methylenebis(2-chloroaniline)
C03	metacto	2-methyllactonitrile
C04	metacry	methyl methacrylate
C05	metmsul	methyl methanesulfonate
C06	metprop	2-methyl-2-(methylthio) propionaldehyde-o-(methylcarbonyl)oxime
C07	methiou	methylthiouracil
C08	naphqui	1,4-naphthoquinone
C09	1-napha	1-naphthylamine
C10	2-napha	2-naphthylamine
C11	nitrani	p-nitroaniline
C12	nitbenz	nitrobenzine
C13	nitphen	4-nitrophenol
C14	nnibuty	N-nitrosodi-n-butylamine
C15	nnidiea	N-nitrosodiethanolamine
C16	nnidiey	N-nitrosodiethylamine
C17	nnidime	N-nitrosodimethylamine
C18	nnimeth	N-nitrosomethylethylamine

C19	nniuret	N-nitroso-N-methylurethane
C20	nniviny	N-nitrosomethylvinylamine
C21	nnimorp	N-nitrosomorpholine
C22	nninico	N-nitrosonornicotine
C23	nnipipe	N-nitrosopiperidine
C24	nitrpyr	nitrosopyrrolidine
C25	nitrtol	5-nitro-o-toluidine
C26	pentchb	pentachlorobenzene
C27	pentchn	pentachloronitrobenzene
C28	pentchp	pentachlorophenol
C29	phentin	phenacetin
C30	phenine	phenylenediamine
C31	phthest	phthalic acid esters
C32	picolin	2-picoline
C33	pronide	pronamide
C34	reserpi	reserpine
C35	resorci	resorcinol
C36	safrol	safrol
C37	tetrchb	1,2,4,5-tetrachlorobenzene
C38	tetrchp	2,3,4,6-tetrachlorophenol
C40	thiuram	thiuram
C41	toludia	toluenediamine
C42	otolhyd	o-toluidine hydrochloride
C43	trichlb	1,2,4-trichlorobenzene
C44	245-trp	2,4,5-trichlorophenol
C45	246-trp	2,4,6-trichlorophenol
C46	triphos	0,0,0-triethyl phosphorothioate
C47	symtrin	sym-trinitrobenzene
C48	triphos	tris(2,3-dibromopropyl) phosphate
C49	benzopy	benzo[a]pyrene
C50	chlnaph	chlornaphazine
C51	bis2eth	bis(2-chloroisopropyl)ether
C52	hexaene	hexachloropropene
C53	hydrazi	hydrazine
C54	hexachl	hexachlorophene
C55	naphtha	naphthalene
C56	123tri	1,2,3-trichlorobenzene
C57	phenol	phenol
C58	135tri	1,3,5-trichlorobenzene
C59	1234te	1,2,3,4-tetrachlorobenzene
C60	1235te	1,2,3,5-tetrachlorobenzene
C61	tetepyr	tetraethylpyrophosphate
C62	chllate	chlorobenzilate
C63	carbpht	carbophenothion
C64	disulfo	disulfoton
C65	dimetho	dimethoate
C66	methpar	methyl parathion
C67	parathi	parathion
C68	TOX	total organic halogen
C69	TOC	total organic carbon
C70	cyanide	cyanide
C71	formaln	formalin
C72	nitrate	nitrate

C73	sulfate	sulfate
C74	fluorid	fluoride
C75	chlorid	chloride
C76	phospha	phosphate
C77	perchlo	perchlorate
C78	sulfide	sulfide
C79	kerosen	kerosene
C80	ammoniu	ammonium ion
C81	ethygly	ethylene glycol
109	colifrm	coliform bacteria
181	radium	radium
112	alpha	gross alpha
111	beta	gross beta
C86	dioxin	dioxin
C87	citrusr	citrus red #2
C88	cyanbro	cyanogen bromide
C89	cyanchl	cyanogen chloride
C90	paralde	paraldehyde
C91	strychn	strychnine
C92	malhydr	maleic hydrizide
C93	nicotin	nicotinic acid
C94	acryide	acrylamide
C95	allylal	allyl alcohol
C96	chloral	chloral
C97	chlacet	chloroacetaldehyde
C98	chlprop	3-chloropropionitrile
C99	cyanogn	cyanogen
H01	dicprop	dichloropropanol
H03	ethcarb	ethyl carbamate
H04	ethcyan	ethyl cyanide
H05	ethoxid	ethylene oxide
H06	ethmeth	ethyl methacrylate
H07	fluoroa	fluoroacetic acid
H08	glycidy	glycidylaldehyde
H09	isobuty	isobutyl alcohol
H10	metzine	methyl hydrazine
H11	propyla	n-propylamine
H12	propyno	2-propyn-1-ol
H13	2,4-D	2,4-D
H14	2,4,5TP	2,4,5-TP silvex
H15	2,4,5-T	2,4,5-T
H16	bicarb	bicarbonate
H17	TDS	total dissolved solids

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ADDITIONAL COMPOUND LIST

I01	ACETONE	ACETONE
I02	HEXANE	HEXANE
I03	METHYLCYCLOPENTANE	MECYPEN
I04	1,2 BENZENE DICARBOXYLIC ACID, BUTYL, 2 METHYLPROPYLESTER	MEBUPHT
I05	NITROMETHANE	NITROM
I06	ISOPHERONE	ISOPHER
I07	BUTANAL	BUTANAL
I08	3-BUTEN-2-ONE	BUTENON
I09	1-BUTANOL	BUTANOL
I10	2-PROPANOL	PROPANOL
I11	1-H INDENE OCTAHYDRO	INDOCHY
I12	ETHYLMETHYL CYCLOHEXANE	CYCETME
I13	CYCLOHEXANE ISOMER	CYCISO1
I14	CYCLOHEXANE ISOMER	CYCISO2
I15	5-METHYL-4 NONENE	NONEME
I16	TRIMETHYL HEPTATRIENE	TMEHEPT
I17	1,2-OCTADIENE	OCTADIE
I18	N-METHOXYMETHANAMINE	MEOXAMI
I19	METHYLFORMATE	MEFORMT
I20	METHYLNITRATE	MENITRA
I21	TRIBUTYLPHOSPHORIC ACID	TRIBUPH
I22	HEXANOIC ACID	HEXACID
I23	2-BUTOXY ETHANOL	BUTOXET
I24	BENZALDEHYDE	BENZALD
I25	2-(2 BUTOXYETHOXY) ETHANOL	BUTOX2

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I26	1,4 BUTANEDIOL, DINITRATE	14BDDN
I27	3,4-DICHLOROBENZOIC ACID	34DCBA
I28	TETRAHYDORFURAN	TAF
I29	ACENAPHTHENE	ACENAPH
I30	FLUORENE	FLRENE
I31	ANTHRACENE	ANTHRA
I32	PYRENE	PYRENE
I33	ETHYLBENZENE	ETHBENZ
I34	STYRENE	STYRENE
I35	1,1,3-TRIMETHYLCYCLOHEXANE	TMCYCH
I37	3-ETHYLHEXANE	3ETHHEX
I38	1,3,5,7-CYCLOOCTATETRAENE	CYCTETR
I39	TRANS-1-ETHYL-4METHYL CYCLOHEXANE	ETMTCYC
I40	1,3 DIMETHYLBENZENE (M-XYLENE)	13DMBEN
I41	(1-METHYLETHYL)-BENZENE	MEBENZ
I42	BROMODICHLOROMETHANE	BDCM
I43	CHLORODIBROMOMETHANE	CDBM
I44	PROPYL BENZENE	PROBENZ
I45	1,4-DIMETHYL CYCLOOCTANE	14DMCYO
I46	CYCLO HEXANE	CYCLHEX
I47	METHYL CYCLOHEXANE	MECYCHE
I48	1-ETHYL-4-METHYL BENZENE	ETMTBEN
I49	3-METHYL HEPTANE	MEHEPT
I50	DECAHYDRONAPHTHALENE	DECANAP
I51	2-METHYL OCTANE	MEOCTA
I52	TRIMETHYL SILANOL	TMSILO
I53	DICHLOROFLUOROMETHANE	DCFM

I54	PENTENAL	PENTAL
I55	1-(1-PROPYNYL)-CYCLOHEXENE	PROCYEN
I56	2,3-DIMETHYL-2-HEXENE	DIMEHEX
I57	ETHENYL CYCLOPENTANE	ETHECYC
I58	1,3-DIMETHYLBUTYL CYCLOHEXANE	DMBCYCL
I59	2-METHYL BUTANE	METBUTA
I60	PENTANE	PENTANE
I61	2-PENTENE	2PENTEN
I62	2-METHYL HEXANE	2MEHEX
I63	2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL PHENOL	BHT
I64	2-NITROPHENOL	2NITPH
I65	2,4-DICHLORO-6-METHYLPHENOL	246DCMP
I66	2,4-DICHLORO-5-METHYLPHENOL	245DCMP

I99 UNKNOWN

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MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:UNC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H3-1(0)	1-H4-6
BETA	PCI/L	8.00E+00	5.00E+01	1.48E+01	
				8.40E+00	NR
				8.42E+00	NR
CONDUCT	UMHO			5.47E+02@	2.97E+02@
PH				7.40E+00@	7.00E+00@
STRONUM	PPB	3.00E+02		4.04E+02	NR
				3.56E+02	NR
				3.82E+02	NR
ZINC	PPB	5.00E+00		1.80E+01	NR
				8.00E+00	NR
				6.00E+00	NR
CALCIUM	PPB	5.00E+01		6.78E+04	NR
				7.21E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	5.00E+01	1.50E+01
				4.40E+01	NR
				6.60E+01	NR
CADMIUM	PPB	2.00E+00	1.00E+01		1.30E+01*
CHROMUM	PPB	1.00E+01	5.00E+01	3.00E+01	2.60E+01
				2.30E+01	NR
				2.40E+01	NR
SODIUM	PPB	1.00E+02		1.99E+04	1.82E+04
				1.57E+04	NR
				1.51E+04	NR
COPPER	PPB	1.00E+01	(1.30E+03)	1.00E+01	1.20E+01
VANADUM	PPB	5.00E+00		4.10E+01	1.80E+01
				2.80E+01	NR
				2.90E+01	NR
ALUMNUM	PPB	1.50E+02		9.26E+02	3.32E+02
				2.23E+02	NR
				2.20E+02	NR
MANGESE	PPB	5.00E+00		3.40E+01	4.00E+01
				2.40E+01	NR
POTASUM	PPB	1.00E+02		7.22E+03	5.39E+03
				5.40E+03	NR
				5.31E+03	NR
IRON	PPB	5.00E+01		5.84E+02	5.47E+02
				1.32E+02	NR
				1.84E+02	NR
ARSENIC	PPB	5.00E+00	5.00E+01	6.00E+00	
THALIUM	PPB	1.00E+01		1.80E+01	NR
				1.40E+01	NR
				1.20E+01	NR
CHLFORM	PPB	1.00E+01		1.00E+01	
				1.10E+01	

DRAFT

- will formal transmittal -

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(0)- WELL SAMPLED IN TRIPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1986
INPUT FILE:UNC_U.WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	UP GRADIENT WELLS 1-H3-1(0)	1-H4-6
TOC	PPB	1.00E+03		1.56E+03	NR
				1.07E+03	NR
NITRATE	PPB	5.00E+02	4.50E+04	6.00E+04*	1.50E+04
				5.80E+04*	NR
SULFATE	PPB	5.00E+02		5.95E+04	4.00E+04
				5.90E+04	NR
CHLORID	PPB	5.00E+02		6.20E+03	4.00E+03
				5.80E+03	NR
AMMONIU	PPB	5.00E+01		1.70E+02	1.70E+02
				1.75E+02	NR
				1.60E+02	NR

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* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(0)- WELL SAMPLED IN TRIPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
BETA	PCI/L	8.00E+00	5.00E+01	7.83E+02%	2.94E+02%	
CONDUCT	UMHO			2.61E+03@	1.07E+03@	3.02E+02@
PH				7.30E+00@	7.20E+00@	7.40E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.19E+02%	4.09E+01%	
STRONUM	PPB	3.00E+02		4.58E+02	NR	NR
ZINC	PPB	5.00E+00		1.20E+01	NR	NR
CALCIUM	PPB	5.00E+01		8.54E+04	NR	NR
BARIUM	PPB	6.00E+00	1.00E+03	1.43E+02	9.40E+01	5.00E+01
				NR	NR	4.20E+01
				NR	NR	6.00E+01
				NR	NR	3.60E+01
CADMIUM	PPB	2.00E+00	1.00E+01	5.00E+00		
CHROMUM	PPB	1.00E+01	5.00E+01	1.13E+03*	6.46E+02*	1.92E+02*
				NR	NR	1.76E+02*
				NR	NR	1.69E+02*
				NR	NR	1.84E+02*
SODIUM	PPB	1.00E+02		3.95E+05	1.48E+05	8.80E+03
				NR	NR	8.88E+03
				NR	NR	9.23E+03
				NR	NR	1.06E+04
NICKEL	PPB	1.00E+01		7.40E+01	1.70E+01	
COPPER	PPB	1.00E+01	(1.30E+03)	8.90E+01	2.90E+01	1.30E+01
				NR	NR	2.70E+01
				NR	NR	2.00E+01
				NR	NR	1.20E+01
VANADUM	PPB	5.00E+00		2.40E+01	1.60E+01	2.80E+01
				NR	NR	3.70E+01
				NR	NR	3.20E+01
				NR	NR	3.20E+01
ALUMNUM	PPB	1.50E+02		7.59E+02	1.97E+02	3.34E+02
				NR	NR	4.39E+02
				NR	NR	3.29E+02
				NR	NR	3.94E+02
MANGESE	PPB	5.00E+00		3.00E+01		1.60E+01
POTASUM	PPB	1.00E+02		9.09E+03	6.04E+03	3.87E+03
				NR	NR	4.15E+03
				NR	NR	4.18E+03
				NR	NR	4.93E+03
IRON	PPB	5.00E+01		8.87E+02	1.11E+03	1.65E+02
				NR	NR	1.46E+03
				NR	NR	1.04E+02
				NR	NR	1.39E+02
ARSENIC	PPB	5.00E+00	5.00E+01	5.00E+00	9.00E+00	6.00E+00
				NR	NR	5.00E+00
				NR	NR	5.00E+00

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
THALIUM	PPB	1.00E+01		2.10E+01	NR	NR
LEADGF	PPB	5.00E+00	2.00E+01	5.10E+00		
CHLFORM	PPB	1.00E+01		2.10E+01		
TOC	PPB	1.00E+03		1.56E+03	NR	NR
NITRATE	PPB	5.00E+02	4.50E+04	1.35E+06*	1.30E+06*	1.50E+04
				NR	NR	1.50E+04
				NR	NR	1.58E+04
				NR	NR	1.45E+04
SULFATE	PPB	5.00E+02		1.45E+05	7.00E+04	3.00E+04
				NR	NR	3.10E+04
				NR	NR	2.90E+04
				NR	NR	2.90E+04
FLUORID	PPB	5.00E+02	1.40E+03	1.30E+03	5.00E+02	
CHLORID	PPB	5.00E+02		6.00E+03	4.00E+03	2.70E+03
				NR	NR	2.80E+03
				NR	NR	2.60E+03
				NR	NR	3.00E+03
AMMONIU	PPB	5.00E+01		2.20E+02	1.70E+02	1.80E+02
				NR	NR	1.70E+02
				NR	NR	1.90E+02
				NR	NR	1.80E+02

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:WHC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-8-2	6-S19-E13
BETA	PCI/L	8.00E+00	5.00E+01	8.27E+00	8.01E+00
CONDUCT	UMHO			3.24E+02@	VM
PH				7.40E+00@	7.90E+00@
ZINC	PPB	5.00E+00		NR	2.30E+01
CALCIUM	PPB	5.00E+01		NR	4.56E+04
BARIUM	PPB	6.00E+00	1.00E+03	4.20E+01	5.00E+01
SODIUM	PPB	1.00E+02		1.73E+04	2.28E+04
COPPER	PPB	1.00E+01	(1.30E+03)		1.80E+01
VANADUM	PPB	5.00E+00		2.30E+01	3.60E+01
ALUMNUM	PPB	1.50E+02		1.54E+02	4.82E+02
POTASUM	PPB	1.00E+02		5.24E+03	7.39E+03
IRON	PPB	5.00E+01		5.57E+02	6.40E+02
RSENIC	PPB	5.00E+00	5.00E+01	7.00E+00	6.00E+00
THALIUM	PPB	1.00E+01		NR	1.00E+01
LEADGF	PPB	5.00E+00	2.00E+01	1.40E+01	
NITRATE	PPB	5.00E+02	4.50E+04	1.60E+04	1.65E+04
SULFATE	PPB	5.00E+02		2.50E+04	4.40E+04
CHLORID	PPB	5.00E+02		8.00E+03	1.26E+04
AMMONIU	PPB	5.00E+01		1.40E+02	1.30E+02

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
VM - VALUE MISSING DUE TO PROBLEMS IN ANALYSIS OR COLLECTION
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5	3-1-6
BETA	PCI/L	8.00E+00	5.00E+01	9.56E+00	9.47E+00	2.89E+01	8.76E+00	1.17E+01	
				9.31E+00	1.17E+01	NR	NR	NR	NR
				8.56E+00	1.12E+01	NR	NR	NR	NR
				1.07E+01		NR	NR	NR	NR
CONDUCT	UMHO			2.05E+02@	2.34E+02@	2.34E+02@	1.77E+02@	2.09E+02@	1.69E+02@
PH				7.00E+00@	6.50E+00@	7.30E+00@	6.73E+00@	6.60E+00@	6.59E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.26E+01%	1.71E+01%	3.43E+01%	1.12E+01	7.73E+00	1.40E+01
				1.80E+01%	1.67E+01%	NR	NR	NR	NR
				2.22E+01%	1.37E+01	NR	NR	NR	NR
				1.51E+01%	1.49E+01	NR	NR	NR	NR
ZINC	PPB	5.00E+00		NR	NR	NR	NR	8.00E+00	NR
CALCIUM	PPB	5.00E+01		NR	NR	NR	NR	2.14E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	4.20E+01	3.00E+01		2.00E+01	7.00E+00	3.50E+01
				3.20E+01	7.19E+02	NR	NR	NR	NR
				3.40E+01	4.60E+01	NR	NR	NR	NR
				4.40E+01	1.50E+01	NR	NR	NR	NR
CADMIUM	PPB	2.00E+00	1.00E+01	3.00E+00					
SODIUM	PPB	1.00E+02		1.34E+04	1.33E+04	2.15E+04	7.87E+03	1.44E+04	8.26E+03
				1.34E+04	1.32E+04	NR	NR	NR	NR
				1.30E+04	1.55E+04	NR	NR	NR	NR
				1.36E+04	1.43E+04	NR	NR	NR	NR
COPPER	PPB	1.00E+01	(1.30E+03)	2.00E+01	1.30E+01	2.80E+01	2.30E+01	4.30E+01	2.50E+01
				2.10E+01	1.00E+01	NR	NR	NR	NR
				2.10E+01	1.70E+01	NR	NR	NR	NR
				2.10E+01		NR	NR	NR	NR
VANADUM	PPB	5.00E+00		1.90E+01	2.90E+01		9.00E+00		1.40E+01
				1.70E+01	3.00E+01	NR	NR	NR	NR
				2.10E+01	1.40E+01	NR	NR	NR	NR
				2.60E+01	1.40E+01	NR	NR	NR	NR
ALUMNUM	PPB	1.50E+02		2.46E+02	3.26E+02				
				1.79E+02	2.92E+02	NR	NR	NR	NR
				2.19E+02	2.14E+02	NR	NR	NR	NR
				3.17E+02		NR	NR	NR	NR
POTASUM	PPB	1.00E+02		2.91E+03	3.78E+03	3.28E+03	2.23E+03	3.21E+03	2.61E+03
				2.76E+03	3.79E+03	NR	NR	NR	NR
				2.84E+03	3.77E+03	NR	NR	NR	NR
				3.34E+03	3.51E+03	NR	NR	NR	NR
IRON	PPB	5.00E+01		3.53E+02	1.26E+02	9.10E+01	4.03E+02	4.31E+02	7.58E+02
				1.61E+02	1.66E+02	NR	NR	NR	NR
				9.70E+01	1.73E+02	NR	NR	NR	NR
				2.75E+02	3.06E+02	NR	NR	NR	NR
ARSENIC	PPB	5.00E+00	5.00E+01	8.00E+00			5.00E+00		9.00E+00
				1.70E+01		NR	NR	NR	NR
				7.00E+00		NR	NR	NR	NR
				8.30E+00		NR	NR	NR	NR

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
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% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+) - WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5	3-1-6
LEADGF	PPB	5.00E+00	2.00E+01			4.80E+01*			
CHLFORM	PPB	1.00E+01		3.00E+01	1.50E+01	4.20E+01	3.00E+01	2.50E+01	3.80E+01
				3.00E+01	1.50E+01	NR	NR	NR	NR
				2.80E+01	1.50E+01	NR	NR	NR	NR
				2.60E+01	1.70E+01	NR	NR	NR	NR
METHYCH	PPB	1.00E+01		1.30E+01$	1.70E+02$				1.80E+01$
TETCENE	PPB	1.00E+01			1.30E+01				
					1.20E+01				
TOC	PPB	1.00E+03		NR	NR	NR	NR	1.25E+03	NR
NITRATE	PPB	5.00E+02	4.50E+04	2.20E+04	2.20E+04	2.04E+04	1.80E+04	1.75E+04	1.80E+04
				2.25E+04	3.80E+04	NR	NR	NR	NR
				2.25E+04	2.00E+04	NR	NR	NR	NR
				2.30E+04	2.10E+04	NR	NR	NR	NR
SULFATE	PPB	5.00E+02		1.70E+04	2.40E+04	1.84E+04	1.70E+04	1.95E+04	1.70E+04
				1.80E+04	2.35E+04	NR	NR	NR	NR
				1.80E+04	2.35E+04	NR	NR	NR	NR
				1.85E+04	2.30E+04	NR	NR	NR	NR
FLUORID	PPB	5.00E+02	1.40E+03			5.00E+02		5.20E+02	5.00E+02
CHLORID	PPB	5.00E+02		8.00E+03	8.50E+03	1.49E+04	8.00E+03	8.00E+03	7.00E+03
				8.10E+03	9.00E+03	NR	NR	NR	NR
				8.50E+03	8.50E+03	NR	NR	NR	NR
				8.50E+03	8.60E+02	NR	NR	NR	NR
SULFIDE	PPB	1.00E+03			3.00E+03				
AMMONIU	PPB	5.00E+01		1.25E+02	1.40E+02	1.75E+02	1.75E+02	2.40E+02	1.70E+02
				1.80E+02	1.50E+02	NR	NR	NR	NR
				1.10E+02	1.50E+02	NR	NR	NR	NR
				1.75E+02	1.10E+02	NR	NR	NR	NR

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
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% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
NR - ANALYSIS NOT REQUESTED
(+)- WELLS SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN

GROUND-WATER MONITORING DATA FOR THE RCRA COMPLIANCE MONITORING PROJECT

Attached are data tables for the ground-water monitoring project involving the 300 Area Process Trenches and the 183-H Solar Evaporation Basins. Tables for sampling conducted from June through October are enclosed; we are currently working on the tables for subsequent months (through February) and will send them as soon as they are completed and checked. These data tables have been designed to summarize the results above the detection limit; blank spaces represent values that are less than the limit. Similarly, constituents that were below detection in all wells in the network for a facility do not appear on the tables. Abbreviated codes have been used for the constituents, and we have enclosed a list of constituent codes so that the full names can be looked up if needed. Note that many of these constituents never appear on the tables; this list is comprehensive, and a large number of these constituents may relate to sampling of effluent streams rather than environmental media.

Results to date for the two facilities are described below.

300 Area Process Trenches

Analytical data collected to date for the ground water near the process trenches have indicated the presence of some metals, volatile organic chemicals, anions, radionuclides, and coliform bacteria. The metals that are most often detected include barium, sodium, potassium, vanadium, and iron. On a much less frequent basis, other metals, including the following, have been detected: chromium, copper, zinc, arsenic, calcium, cadmium, manganese, and nickel. Most of the metals are in fairly low concentrations (some very close to the detection limit), and, of those which have a Primary Drinking Water Standard, none have consistently exceeded it.

The volatile organics that have been detected include chloroform and perchloroethylene, in concentrations generally around 20 ppb and 15 ppb, respectively. Standards for these chemicals do not presently exist.

Anions including chloride, fluoride, nitrate and sulfate have been frequently detected but (for those which have standards) the concentrations have not been excessive of the standard. A cation (ammonium) has also been detected.

The presence of radionuclides is indicated by the results of the gross alpha and gross beta analyses. On occasion, the gross alpha results have been above the 15 pCi/ℓ level quoted in the Primary Drinking Water Standards. The gross beta results have generally been low, beneath the 50 pCi/ℓ level at which more investigation is needed before calculating dose.

Coliform bacteria have also been detected in a few wells.

As you know, we are still in the process of collecting baseline data and defining the normal seasonal variability of the results. We will provide you with more definitive information at this work progresses.

9413187.1859

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
BETA	PCI/L	8.00E+00	5.00E+01	1.52E+01	1.08E+01	1.84E+01	1.31E+01	3.02E+01	6.80E+01%
				NR	NR	1.65E+01	NR	2.56E+01	NR
				NR	NR	2.05E+01	NR	2.84E+01	NR
				NR	NR	1.97E+01	NR	2.62E+01	NR
CONDUCT	UMHO			2.54E+02@	3.47E+02@	2.51E+02@	3.26E+02@	3.31E+02@	5.48E+02@
PH				6.30E+00@	7.20E+00@	6.70E+00@	7.30E+00@	7.30E+00@	7.50E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.74E+01%	8.17E+00	1.61E+01%		1.81E+01%	
				NR	NR	6.74E+00	NR	1.99E+01%	NR
				NR	NR	1.91E+01%	NR	2.36E+01%	NR
				NR	NR	8.37E+00	NR	1.07E+01	NR
BARIUM	PPB	6.00E+00	1.00E+03	6.80E+01	5.00E+01			2.12E+02	
CHROMUM	PPB	1.00E+01	5.00E+01			1.00E+01		2.80E+01	
SODIUM	PPB	1.00E+02		1.50E+04	2.40E+04	1.37E+04	1.94E+04	2.13E+04	1.87E+04
				NR	NR	1.31E+04	NR	2.29E+04	NR
				NR	NR	1.45E+04	NR	2.15E+04	NR
				NR	NR	1.33E+04	NR	1.84E+04	NR
COPPER	PPB	1.00E+01	(1.30E+03)	1.60E+01	1.10E+01				
VANADUM	PPB	5.00E+00		1.00E+01	3.40E+01			1.80E+01	
ALUMNUM	PPB	1.50E+02		1.59E+02	5.64E+02	4.95E+02	2.70E+02	2.96E+02	3.95E+02
				NR	NR	3.44E+02	NR	3.47E+02	NR
				NR	NR	1.68E+02	NR	3.37E+02	NR
				NR	NR	2.06E+02	NR	1.88E+02	NR
MANGESE	PPB	5.00E+00		3.90E+01					
POTASUM	PPB	1.00E+02		3.67E+03	6.82E+03	4.53E+03	5.60E+03	5.73E+03	8.21E+03
				NR	NR	4.40E+03	NR	6.31E+03	NR
				NR	NR	4.37E+03	NR	5.88E+03	NR
				NR	NR	4.34E+03	NR	5.12E+03	NR
IRON	PPB	5.00E+01		4.93E+03	2.90E+02	3.21E+02	6.41E+02	1.54E+02	2.18E+02
				NR	NR	3.08E+02	NR	6.60E+01	NR
				NR	NR	5.13E+02	NR		NR
				NR	NR	2.50E+02	NR		NR
ARSENIC	PPB	5.00E+00	5.00E+01	5.00E+00	2.30E+01				
LEADGF	PPB	5.00E+00	2.00E+01			3.40E+01*			6.80E+00
				NR	NR	2.70E+01*	NR	NR	NR
				NR	NR	4.00E+01*	NR	NR	NR
1,1,1-T	PPB	1.00E+01	(2.00E+02)		4.40E+01$				
TRICENE	PPB	1.00E+01	(5.00E+00)				1.20E+01#		
PERCENE	PPB	1.00E+01			3.00E+01				
CHLFORM	PPB	1.00E+01		1.30E+01					
CYANIDE	PPB	1.00E+01			1.40E+01				
NITRATE	PPB	5.00E+02	4.50E+04	2.30E+04	1.30E+04	2.25E+04	1.25E+04	2.02E+04	1.52E+04
				NR	NR	2.10E+04	NR	2.00E+04	NR
				NR	NR	2.28E+04	NR	1.88E+04	NR
				NR	NR	2.31E+04	NR	2.07E+04	NR

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
NR - ANALYSIS NOT REQUESTED

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUN 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
SULFATE	PPB	5.00E+02		1.70E+04	3.60E+04	1.82E+04	3.23E+04	2.71E+04	1.80E+04
				NR	NR	1.83E+04	NR	2.81E+04	NR
				NR	NR	1.95E+04	NR	2.78E+04	NR
				NR	NR	1.94E+04	NR	3.45E+04	NR
CHLORID	PPB	5.00E+02		2.60E+04	1.20E+04	1.28E+04	1.19E+04	1.38E+04	4.70E+03
				NR	NR	1.19E+04	NR	1.40E+04	NR
				NR	NR	1.44E+04	NR	1.37E+04	NR
				NR	NR	1.42E+04	NR	1.36E+04	NR
AMMONIU	PPB	5.00E+01		1.60E+02	1.75E+02	2.00E+02	2.40E+02	2.10E+02	2.05E+02
				NR	NR	2.30E+02	NR	1.70E+02	NR
				NR	NR	2.50E+02	NR	1.80E+02	NR
				NR	NR	2.10E+02	NR	1.80E+02	NR

WELLS 3-T-1 AND 3-T-2 WERE NOT DRILLED IN TIME FOR JUNE SAMPLING

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
\$ - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED

9413137.1862

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985
INPUT FILE:UNC_U.WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	UP GRADIENT WELLS 1-H3-1(0)	1-H4-6
COLIFRM	MPN	3.00E+00	>DL		4.00E+00*
BETA	PCI/L	8.00E+00	5.00E+01	8.89E+00	
				4.12E+02%	NR
				1.16E+01	NR
CONDUCT	UMHO			5.61E+02@	2.93E+02@
PH				7.70E+00@	6.70E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	8.54E+00	
				5.63E+00	NR
				6.57E+00	NR
ZINC	PPB	5.00E+00		1.33E+02	NR
				3.00E+01	NR
				2.70E+01	NR
CALCIUM	PPB	5.00E+01		7.40E+04	NR
				7.50E+04	NR
				7.47E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	1.75E+02	
				5.20E+01	NR
				5.30E+01	NR
CADMIUM	PPB	2.00E+00	1.00E+01	2.10E+00	
CHROMUM	PPB	1.00E+01	5.00E+01	3.10E+01	2.60E+01
				5.10E+01*	NR
				3.00E+01	NR
SODIUM	PPB	1.00E+02		2.20E+04	1.80E+04
				1.95E+04	NR
				1.82E+04	NR
COPPER	PPB	1.00E+01	(1.30E+03)	1.50E+01	
VANADUM	PPB	5.00E+00		2.00E+01	
				2.00E+01	NR
				2.00E+01	NR
ALUMNUM	PPB	1.50E+02		2.08E+02	2.25E+02
				5.60E+02	NR
MANGESE	PPB	5.00E+00		8.50E+00	4.20E+01
				2.10E+01	NR
POTASUM	PPB	1.00E+02		7.50E+03	5.58E+03
				6.98E+03	NR
				6.54E+03	NR
IRON	PPB	5.00E+01		3.86E+02	3.99E+02
				2.35E+02	NR
				1.58E+02	NR
MERCURY	PPB	1.00E-01	2.00E+00	5.20E+00*	
				4.30E+00*	NR
CHLFORM	PPB	1.00E+01		1.00E+01	
				1.40E+01	

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(0)- WELL SAMPLED IN TRIPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:UNC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H3-1(0)	1-H4-6
TOC	PPB	1.00E+03		1.33E+03	
				1.44E+03	NR
				1.60E+03	NR
NITRATE	PPB	5.00E+02	4.50E+04	7.91E+04*	2.01E+04
				6.83E+04*	NR
				6.75E+04*	NR
SULFATE	PPB	5.00E+02		7.80E+04	4.50E+04
				6.73E+04	NR
				6.71E+04	NR
FLUORID	PPB	5.00E+02	1.40E+03	5.50E+02	7.30E+02
				1.08E+03	NR
				6.30E+02	NR
CHLORID	PPB	5.00E+02		9.20E+03	5.40E+03
				9.60E+03	NR
				8.20E+03	NR
AMMONIU	PPB	5.00E+01		2.30E+02	2.70E+02
				1.75E+02	NR
				1.80E+02	NR

DRAFT

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NR - ANALYSIS NOT REQUESTED
(0) - WELL SAMPLED [illegible]

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
COLIFRM	MPN	3.00E+00	>DL	2.30E+01*	2.30E+01*	
BETA	PCI/L	8.00E+00	5.00E+01	1.02E+01	3.40E+02%	2.22E+01
				NR	NR	8.84E+00
CONDUCT	UMHO			1.50E+03@	1.25E+03@	3.46E+02@
PH				7.90E+00@	7.70E+00@	7.50E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.96E+02%	1.46E+02%	2.66E+01%
ZINC	PPB	5.00E+00		2.00E+01	NR	NR
CALCIUM	PPB	5.00E+01		2.94E+04	NR	NR
BARIUM	PPB	6.00E+00	1.00E+03	4.90E+01		
CHROMUM	PPB	1.00E+01	5.00E+01	1.03E+03*	7.29E+02*	4.47E+02*
				NR	NR	4.51E+02*
				NR	NR	4.82E+02*
				NR	NR	5.08E+02*
SODIUM	PPB	1.00E+02		2.67E+05	1.69E+05	9.00E+03
				NR	NR	8.89E+03
				NR	NR	9.44E+03
				NR	NR	9.86E+03
NICKEL	PPB	1.00E+01		3.20E+01		
COPPER	PPB	1.00E+01	(1.30E+03)	4.30E+01		
VANADUM	PPB	5.00E+00		1.40E+01		
ALUMNUM	PPB	1.50E+02		2.37E+02	3.04E+02	1.82E+02
				NR	NR	1.86E+02
				NR	NR	2.52E+02
				NR	NR	5.31E+02
MANGESE	PPB	5.00E+00		8.50E+00		1.50E+01
POTASUM	PPB	1.00E+02		6.35E+03	6.93E+03	5.74E+03
IRON	PPB	5.00E+01		3.77E+02	8.91E+02	9.10E+01
				NR	NR	1.96E+02
				NR	NR	2.56E+02
				NR	NR	5.99E+02
ARSENIC	PPB	5.00E+00	5.00E+01			6.30E+00
MERCURY	PPB	1.00E-01	2.00E+00	4.90E+00*	7.40E+00*	
SELENUM	PPB	5.00E+00	1.00E+01			1.50E+01*
				NR	NR	1.00E+01
PERCENE	PPB	1.00E+01		1.00E+01		
TOC	PPB	1.00E+03		2.49E+03	2.97E+03	1.12E+03
				NR	NR	1.07E+03
				NR	NR	1.30E+03
NITRATE	PPB	5.00E+02	4.50E+04	6.21E+05*	5.10E+05*	2.30E+04
				NR	NR	2.25E+04
				NR	NR	2.51E+04
				NR	NR	2.45E+04

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WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
SULFATE	PPB	5.00E+02		8.99E+04	8.41E+04	3.97E+04
				NR	NR	3.97E+04
				NR	NR	4.40E+04
				NR	NR	4.26E+04
FLUORID	PPB	5.00E+02	1.40E+03	5.00E+02	7.00E+02	8.10E+02
				NR	NR	7.80E+02
				NR	NR	7.60E+02
				NR	NR	7.40E+02
CHLORID	PPB	5.00E+02		7.10E+03	5.30E+03	4.10E+03
				NR	NR	4.10E+03
				NR	NR	4.50E+03
				NR	NR	5.50E+03
MMONIU	PPB	5.00E+01		2.40E+02	2.30E+02	2.20E+02
				NR	NR	2.40E+02
				NR	NR	2.50E+02
				NR	NR	2.10E+02

DRAFT

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MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:WHC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-8-2	6-S19-E13
COLIFRM	MPN	3.00E+00	>DL	1.50E+02*	
BETA	PCI/L	8.00E+00	5.00E+01	1.23E+01	
CONDUCT	UMHO			3.38E+02@	3.68E+02@
PH				7.40E+00@	7.30E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01		5.15E+00
ZINC	PPB	5.00E+00		NR	5.10E+01
CALCIUM	PPB	5.00E+01		NR	4.90E+04
SODIUM	PPB	1.00E+02		1.97E+04	2.48E+04
ALUMNUM	PPB	1.50E+02		2.88E+02	3.45E+02
POTASUM	PPB	1.00E+02		6.55E+03	8.06E+03
IRON	PPB	5.00E+01		1.77E+02	1.50E+02
SELENUM	PPB	5.00E+00	1.00E+01	1.20E+01*	1.20E+01*
LADGF	PPB	5.00E+00	2.00E+01	5.90E+00	
NITRATE	PPB	5.00E+02	4.50E+04	2.16E+04	2.05E+04
SULFATE	PPB	5.00E+02		3.12E+04	4.90E+04
CHLORID	PPB	5.00E+02		9.30E+03	1.88E+04
AMMONIU	PPB	5.00E+01		1.70E+02	1.65E+02

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DRAFT

9413137.1867

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985
INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5(0)	3-1-6
COLIFRM	MPN	3.00E+00	>DL				1.10E+03*		
BETA	PCI/L	8.00E+00	5.00E+01	9.24E+00	1.75E+01	5.34E+01%	1.02E+01	1.40E+01	1.99E+01
				1.60E+01	1.45E+01	NR	NR	1.58E+01	NR
				8.35E+00	1.52E+01	NR	NR	1.59E+01	NR
				8.89E+00	1.85E+01	NR	NR	NR	NR
CONDUCT	UMHO			1.97E+02@	2.20E+02@	2.32E+02@	1.52E+02@	1.72E+02@	1.77E+02@
PH				7.20E+00@	7.30E+00@	7.20E+00@	6.10E+00@	7.00E+00@	6.40E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.91E+01%	9.66E+00	2.32E+01%	4.18E+00	4.22E+00	2.45E+01%
				1.92E+01%	5.59E+00	NR	NR	4.75E+00	NR
				1.51E+01%	6.27E+00	NR	NR	6.60E+00	NR
				1.69E+01%	8.87E+00	NR	NR	NR	NR
INC	PPB	5.00E+00		NR	NR	NR	NR	3.60E+01	NR
				NR	NR	NR	NR	7.90E+01	NR
				NR	NR	NR	NR	1.78E+02	NR
CALCIUM	PPB	5.00E+01		NR	NR	NR	NR	1.79E+04	NR
				NR	NR	NR	NR	1.91E+04	NR
				NR	NR	NR	NR	1.97E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	8.30E+01	2.80E+01	5.40E+01		2.40E+01	
				1.45E+02	3.50E+01	NR	NR	4.20E+01	NR
				3.50E+01	3.90E+01	NR	NR	2.33E+02	NR
				8.00E+01	3.90E+01	NR	NR	NR	NR
CADMIUM	PPB	2.00E+00	1.00E+01					2.30E+00	
				NR	NR	NR	NR	6.60E+00	NR
CHROMUM	PPB	1.00E+01	5.00E+01						2.57E+02*
SILVER	PPB	1.00E+01	5.00E+01		1.90E+01				
SODIUM	PPB	1.00E+02		1.31E+04	2.97E+04	1.96E+04	1.04E+04	1.30E+04	1.55E+04
				1.27E+04	1.31E+04	NR	NR	1.12E+04	NR
				1.22E+03	1.49E+04	NR	NR	1.27E+04	NR
				1.28E+04	1.49E+04	NR	NR	NR	NR
NICKEL	PPB	1.00E+01				1.00E+01		1.00E+01	9.50E+01
COPPER	PPB	1.00E+01	(1.30E+03)		4.00E+01	2.70E+01		1.20E+01	2.70E+01
					1.90E+01	NR	NR	5.16E+02	NR
					1.90E+01	NR	NR		NR
VANADUM	PPB	5.00E+00		1.20E+01	8.70E+00	7.80E+00		7.00E+00	
				1.30E+01	1.30E+01	NR	NR	7.40E+00	NR
				9.90E+00	1.60E+01	NR	NR	1.20E+01	NR
				1.00E+01	1.60E+01	NR	NR	NR	NR
ALUMNUM	PPB	1.50E+02			1.75E+02	1.16E+03	2.46E+02	1.21E+03	2.35E+02
					2.43E+02	NR	NR		NR
					5.73E+02	NR	NR		NR
					5.73E+02	NR	NR	NR	NR
MANGESE	PPB	5.00E+00							4.90E+01

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@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
(0)- WELL SAMPLED IN TRIPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
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DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5(0)	3-1-6
POTASUM	PPB	1.00E+02		2.97E+03	3.75E+03	3.65E+03		3.29E+03	3.55E+03
				2.79E+03	3.83E+03	NR	NR	3.47E+03	NR
				2.71E+03	4.18E+03	NR	NR		NR
				2.77E+03	4.18E+03	NR	NR	NR	NR
IRON	PPB	5.00E+01		5.90E+01	9.20E+01	3.75E+02	1.76E+02	1.94E+02	9.70E+02
				5.50E+01	1.77E+02	NR	NR	1.51E+02	NR
				7.30E+01	2.22E+02	NR	NR	1.91E+03	NR
					2.22E+02	NR	NR	NR	NR
MERCURY	PPB	1.00E-01	2.00E+00		4.80E+00*	5.80E+00*		8.90E+00*	
					6.20E+00*	NR	NR	6.30E+00*	NR
					4.30E+00*	NR	NR	5.50E+00*	NR
					5.60E+00*	NR	NR	NR	NR
LEADGF	PPB	5.00E+00	2.00E+01		1.20E+01			5.80E+00	
					1.20E+01	NR	NR		NR
					1.18E+01	NR	NR		NR
					1.32E+01	NR	NR	NR	NR
PERCENE	PPB	1.00E+01				1.00E+01		1.70E+01	
						NR	NR	1.90E+01	NR
						NR	NR	1.70E+01	NR
CHLFORM	PPB	1.00E+01		2.80E+01	2.70E+01		3.20E+01	2.10E+01	
				3.20E+01	2.00E+01	NR	NR	2.70E+01	NR
				3.00E+01	1.30E+01	NR	NR	3.20E+01	NR
				3.20E+01	1.90E+01	NR	NR	NR	NR
METHYCH	PPB	1.00E+01						1.90E+01$	
						NR	NR	1.10E+01	NR
TOC	PPB	1.00E+03		1.23E+03		1.01E+03	1.40E+03	4.51E+03	1.28E+03
				1.23E+03		NR	NR	1.07E+03	NR
				1.09E+03		NR	NR	1.65E+03	NR
NITRATE	PPB	5.00E+02	4.50E+04	2.08E+04	1.75E+04	1.74E+04	8.50E+03	1.50E+04	1.41E+04
				2.08E+04	1.82E+04	NR	NR	1.47E+04	NR
				1.84E+04	1.73E+04	NR	NR	1.41E+04	NR
				2.23E+04	1.85E+04	NR	NR	NR	NR
JLFATE	PPB	5.00E+02		1.74E+04	2.00E+04	1.59E+04	1.37E+04	1.37E+04	1.39E+04
				1.78E+04	2.10E+04	NR	NR	1.34E+04	NR
				1.59E+04	2.00E+04	NR	NR	1.29E+04	NR
				1.89E+04	2.13E+04	NR	NR	NR	NR
FLUORID	PPB	5.00E+02	1.40E+03	8.10E+02	8.50E+02	6.40E+02	6.00E+02	1.22E+03	5.00E+02
				8.90E+02	9.00E+02	NR	NR	1.31E+03	NR
				7.60E+02	8.60E+02	NR	NR	1.26E+03	NR
				9.80E+02	9.70E+02	NR	NR	NR	NR
CHLORID	PPB	5.00E+02		1.07E+04	1.06E+04	1.29E+04	1.18E+04	6.60E+03	1.02E+04
				1.12E+04	1.11E+04	NR	NR	6.50E+03	NR
				9.80E+03	1.05E+04	NR	NR	6.30E+03	NR
				1.20E+04	1.13E+04	NR	NR	NR	NR

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DRAFT

9413137.1869

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5(0)	3-1-6
AMMONIU	PPB	5.00E+01		2.70E+02	3.30E+02	1.80E+02	1.80E+02	3.60E+02	1.65E+02
				2.40E+02	2.90E+02	NR	NR	2.30E+02	NR
				2.50E+02	2.80E+02	NR	NR	2.10E+02	NR
				2.50E+02	2.80E+02	NR	NR	NR	NR
ACETONE	PPB	1.00E+01						1.40E+01	
HEXANE	PPB	1.00E+01			6.00E+01				
UNKNOWN	PPB	1.00E+01			3.50E+01			1.50E+01	
						NR	NR	1.10E+01	NR
						NR	NR	1.00E+01	NR

DRAFT

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9413137.1870

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985
INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
COLIFRM	MPN	3.00E+00	>DL	2.30E+01*			2.30E+01*		
BETA	PCI/L	8.00E+00	5.00E+01	1.88E+01	8.66E+00	1.35E+01	1.59E+01	2.07E+01	1.37E+01
				NR	NR	1.42E+01	NR	2.66E+01	NR
				NR	NR	1.95E+01	NR	2.58E+01	NR
				NR	NR	1.72E+01	NR	2.00E+01	NR
CONDUCT	UMHO			2.10E+02@	3.24E+02@	2.41E+02@	3.22E+02@	3.30E+02@	4.82E+02@
PH				6.10E+00@	6.90E+00@	6.90E+00@	7.40E+00@	7.50E+00@	7.00E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.42E+01%	6.86E+00	1.43E+01		5.71E+01%	
				NR	NR	1.24E+01	NR	4.40E+01%	NR
				NR	NR	1.41E+01	NR	1.84E+01%	NR
				NR	NR	1.58E+01%	NR		NR
BARIUM	PPB	6.00E+00	1.00E+03			4.30E+01		5.20E+01	7.70E+01
				NR	NR	5.00E+01	NR	5.90E+01	NR
				NR	NR	1.83E+02	NR	4.90E+01	NR
				NR	NR	4.20E+01	NR	4.60E+01	NR
CHROMUM	PPB	1.00E+01	5.00E+01			3.80E+01			
SODIUM	PPB	1.00E+02		1.04E+04	2.34E+04	1.17E+04	1.53E+04	2.09E+04	1.75E+04
				NR	NR	1.20E+04	NR	2.03E+04	NR
				NR	NR	1.16E+04	NR	2.08E+04	NR
				NR	NR	1.10E+04	NR	2.23E+04	NR
NICKEL	PPB	1.00E+01				1.60E+01			
COPPER	PPB	1.00E+01	(1.30E+03)			1.30E+01		1.20E+01	1.00E+01
				NR	NR		NR	2.50E+01	NR
				NR	NR		NR	1.00E+01	NR
VANADUM	PPB	5.00E+00				9.40E+00		1.40E+01	1.70E+01
				NR	NR	1.20E+01	NR	1.50E+01	NR
				NR	NR	1.30E+01	NR	1.50E+01	NR
				NR	NR	1.40E+01	NR	9.10E+00	NR
ALUMNUM	PPB	1.50E+02		2.46E+02		2.22E+02	2.29E+02	1.76E+02	2.09E+02
				NR	NR	1.92E+02	NR	1.60E+02	NR
				NR	NR	2.68E+02	NR	1.98E+02	NR
				NR	NR	2.63E+02	NR		NR
POTASUM	PPB	1.00E+02			5.21E+03	3.86E+03		5.81E+03	8.61E+03
				NR	NR	4.06E+03	NR	5.30E+03	NR
				NR	NR	4.11E+03	NR	5.50E+03	NR
				NR	NR	4.05E+03	NR	5.72E+03	NR
IRON	PPB	5.00E+01		1.76E+02	1.03E+02	4.01E+02	2.71E+02	1.62E+02	1.42E+02
				NR	NR	2.33E+02	NR	1.83E+02	NR
				NR	NR	2.73E+02	NR	2.63E+02	NR
				NR	NR	4.81E+02	NR	1.06E+02	NR
ARSENIC	PPB	5.00E+00	5.00E+01					5.80E+00	
MERCURY	PPB	1.00E-01	2.00E+00			5.80E+00*		7.90E+00*	7.00E+00*
				NR	NR	8.20E+00*	NR	9.90E+00*	NR
				NR	NR	4.70E+00*	NR	6.60E+00*	NR
				NR	NR	7.40E+00*	NR	5.20E+00*	NR

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN

DRAFT

9413137.1871

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
SELENUM	PPB	5.00E+00	1.00E+01		8.90E+00		1.70E+01*		
LEADGF	PPB	5.00E+00	2.00E+01			5.00E+00		5.00E+00	5.50E+00
				NR	NR	5.20E+00	NR		NR
				NR	NR	6.20E+00	NR		NR
1,1,1-T	PPB	1.00E+01	(2.00E+02)		7.20E+01$				
PERCENE	PPB	1.00E+01			5.50E+01	1.10E+01	1.30E+01		
CHLFORM	PPB	1.00E+01		1.70E+01					
TOC	PPB	1.00E+03		1.28E+03				1.07E+03	1.76E+03
NITRATE	PPB	5.00E+02	4.50E+04	2.36E+04	1.37E+04	1.94E+04	1.15E+04	1.74E+04	1.62E+04
				NR	NR	2.13E+04	NR	1.56E+04	NR
				NR	NR	2.01E+04	NR	1.61E+04	NR
				NR	NR	2.08E+04	NR	1.51E+04	NR
SULFATE	PPB	5.00E+02		1.82E+04	3.83E+04	1.78E+04	1.32E+04	3.31E+04	1.81E+04
				NR	NR	1.92E+04	NR	2.96E+04	NR
				NR	NR	1.83E+04	NR	3.07E+04	NR
				NR	NR	1.89E+04	NR	2.88E+04	NR
FLUORID	PPB	5.00E+02	1.40E+03	6.00E+02	8.00E+02	8.90E+02		9.20E+02	8.30E+02
				NR	NR	1.11E+03	NR	1.24E+03	NR
				NR	NR	9.20E+02	NR	9.40E+02	NR
				NR	NR	9.80E+02	NR	8.60E+02	NR
CHLORID	PPB	5.00E+02		1.40E+04	1.41E+04	1.04E+04	1.08E+04	1.33E+04	4.60E+03
				NR	NR	1.16E+04	NR	1.19E+04	NR
				NR	NR	1.10E+04	NR	1.24E+04	NR
				NR	NR	1.12E+04	NR	1.16E+04	NR
AMMONIU	PPB	5.00E+01		2.80E+02	2.70E+02	2.90E+02	1.78E+02	3.05E+02	2.90E+02
				NR	NR	3.10E+02	NR	2.70E+02	NR
				NR	NR	3.00E+02	NR	3.30E+02	NR
				NR	NR	1.90E+02	NR	3.60E+02	NR
ACETONE	PPB	1.00E+01				2.60E+01			
HEXANE	PPB	1.00E+01						6.00E+01	
MECYPEN	PPB	1.00E+01						1.60E+01	

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
NR - ANALYSIS NOT REQUESTED

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR JUL 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-T-1	3-T-2(1)
BETA	PCI/L	8.00E+00	5.00E+01	4.73E+01	NR
CONDUCT	UMHO			2.33E+02@	NR
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.31E+01%	NR
BARIUM	PPB	6.00E+00	1.00E+03	1.01E+02	NR
CADMIUM	PPB	2.00E+00	1.00E+01	5.30E+00	NR
CHROMUM	PPB	1.00E+01	5.00E+01	2.50E+01	NR
SODIUM	PPB	1.00E+02		1.97E+04	NR
COPPER	PPB	1.00E+01	(1.30E+03)	1.70E+01	NR
VANADUM	PPB	5.00E+00		1.00E+01	NR
ALUMNUM	PPB	1.50E+02		3.95E+02	NR
POTASUM	PPB	1.00E+02		3.34E+03	NR
IRON	PPB	5.00E+01		5.01E+02	NR
MERCURY	PPB	1.00E-01	2.00E+00	5.40E+00*	NR
PERCENE	PPB	1.00E+01		2.40E+01	NR
METHYCH	PPB	1.00E+01		1.70E+01$	NR
NITRATE	PPB	5.00E+02	4.50E+04	1.75E+04	NR
SULFATE	PPB	5.00E+02		1.56E+04	NR
FLUORID	PPB	5.00E+02	1.40E+03	6.60E+02	NR
CHLORID	PPB	5.00E+02		1.33E+04	NR
AMMONIU	PPB	5.00E+01		2.40E+02	NR

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUES MAY BE AFFECTED BY PUMP CONTAMINATION
NR - ANALYSIS NOT REQUESTED
(1)- WELL NOT YET DRILLED

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:UNC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H3-1(0)	1-H4-6
BETA	PCI/L	8.00E+00	5.00E+01	1.50E+01	
				8.42E+00	NR
				1.18E+01	NR
CONDUCT	UMHO			VM	3.29E+02@
PH				VM	7.80E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	4.03E+00	
				4.87E+00	NR
				4.33E+00	NR
STRONUM	PPB	3.00E+02		4.15E+02	NR
				4.19E+02	NR
CALCIUM	PPB	5.00E+01		6.29E+04	NR
				6.03E+04	NR
				6.09E+04	NR
ARIUM	PPB	6.00E+00	1.00E+03	4.50E+01	2.50E+01
				4.30E+01	NR
				4.50E+01	NR
CHROMUM	PPB	1.00E+01	5.00E+01	3.30E+01	2.80E+01
				3.00E+01	NR
				3.00E+01	NR
SODIUM	PPB	1.00E+02		1.87E+04	1.67E+04
				1.75E+04	NR
				1.76E+04	NR
VANADUM	PPB	5.00E+00		9.00E+00	9.00E+00
				9.00E+00	NR
MANGESE	PPB	5.00E+00			3.20E+01
POTASUM	PPB	1.00E+02		5.73E+03	5.11E+03
				5.27E+03	NR
				5.37E+03	NR
IRON	PPB	5.00E+01		5.00E+01	2.82E+02
CHLFORM	PPB	1.00E+01		1.40E+01	
TOC	PPB	1.00E+03		2.16E+03	1.64E+03
				2.13E+03	NR
				2.10E+03	NR
'ITRATE	PPB	5.00E+02	4.50E+04	6.57E+04*	1.93E+04
				6.80E+04*	NR
				6.98E+04*	NR
SULFATE	PPB	5.00E+02		6.38E+04	4.38E+04
				6.61E+04	NR
				6.80E+04	NR
CHLORID	PPB	5.00E+02		8.21E+03	6.26E+03
				7.69E+03	NR
				8.24E+03	NR
AMMONIU	PPB	5.00E+01		1.60E+02	1.55E+02
				1.30E+02	NR
				1.26E+02	NR

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
VM - VALUE MISSING DUE TO PROBLEMS IN ANALYSIS OR COLLECTION
(0)- WELL SAMPLED IN TRIPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
BETA	PCI/L	8.00E+00	5.00E+01	5.16E+02%	3.84E+02%	9.14E+00
				NR	NR	1.02E+01
CONDUCT	UMHO			1.18E+03@	1.23E+03@	4.01E+02@
PH				8.00E+00@	7.50E+00@	7.80E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.73E+02%	7.76E+01%	
CALCIUM	PPB	5.00E+01		1.57E+04	NR	NR
BARIUM	PPB	6.00E+00	1.00E+03	2.60E+01	7.90E+01	4.50E+01
				NR	NR	4.30E+01
				NR	NR	4.60E+01
				NR	NR	4.30E+01
CADMIUM	PPB	2.00E+00	1.00E+01			4.00E+00
				NR	NR	3.00E+00
'IROMUM	PPB	1.00E+01	5.00E+01	8.05E+02*	6.83E+02*	5.04E+02*
				NR	NR	4.70E+02*
				NR	NR	5.13E+02*
				NR	NR	4.86E+02*
SODIUM	PPB	1.00E+02		2.25E+05	1.93E+05	8.20E+03
				NR	NR	8.71E+03
				NR	NR	8.40E+03
				NR	NR	8.37E+03
NICKEL	PPB	1.00E+01		2.20E+01	1.80E+01	
COPPER	PPB	1.00E+01	(1.30E+03)	2.70E+01		
VANADUM	PPB	5.00E+00		9.00E+00		5.00E+00
POTASUM	PPB	1.00E+02		3.95E+03	6.35E+03	4.00E+03
				NR	NR	4.21E+03
				NR	NR	4.12E+03
				NR	NR	4.09E+03
IRON	PPB	5.00E+01		1.43E+02	4.57E+02	2.07E+02
				NR	NR	6.60E+01
				NR	NR	3.06E+02
				NR	NR	6.00E+01
ARSENIC	PPB	5.00E+00	5.00E+01			7.77E+00
'EADGF	PPB	5.00E+00	2.00E+01		5.81E+00	
ILFORM	PPB	1.00E+01		3.00E+01		
1OC	PPB	1.00E+03		5.73E+03	4.49E+03	1.03E+03
				NR	NR	1.20E+03
NITRATE	PPB	5.00E+02	4.50E+04	4.27E+05*	4.44E+05*	2.39E+04
				NR	NR	2.59E+04
				NR	NR	2.60E+04
				NR	NR	2.30E+04
SULFATE	PPB	5.00E+02		7.64E+04	8.11E+04	4.13E+04
				NR	NR	4.45E+04
				NR	NR	4.53E+04
				NR	NR	4.00E+04

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5(+)
CHLORID	PPB	5.00E+02		4.57E+03	5.19E+03	4.30E+03
				NR	NR	3.89E+03
				NR	NR	3.83E+03
				NR	NR	3.69E+03
AMMONIU	PPB	5.00E+01		1.30E+02	1.30E+02	1.90E+02
				NR	NR	1.30E+02
				NR	NR	1.30E+02
				NR	NR	1.14E+02

DRAFT

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@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:WHC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-8-2	6-S19-E13
BETA	PCI/L	8.00E+00	5.00E+01	8.71E+00	1.08E+01
ZINC	PPB	5.00E+00		NR	3.90E+01
CALCIUM	PPB	5.00E+01		NR	4.43E+04
BARIUM	PPB	6.00E+00	1.00E+03	3.60E+01	4.30E+01
CADMIUM	PPB	2.00E+00	1.00E+01	3.00E+00	
SODIUM	PPB	1.00E+02		1.87E+04	2.25E+04
VANADUM	PPB	5.00E+00		1.30E+01	1.90E+01
POTASUM	PPB	1.00E+02		5.46E+03	6.39E+03
IRON	PPB	5.00E+01		1.08E+02	8.30E+01
NITRATE	PPB	5.00E+02	4.50E+04	1.85E+04	1.76E+04
SULFATE	PPB	5.00E+02		2.72E+04	4.91E+04
CHLORID	PPB	5.00E+02		9.80E+03	1.51E+04
MONIU	PPB	5.00E+01		1.55E+02	1.55E+02

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5(0)	3-1-6
BETA	PCI/L	8.00E+00	5.00E+01	8.90E+00	1.14E+01	4.77E+01	1.04E+01	1.72E+01	
				1.22E+01	8.60E+00	NR	NR	1.57E+01	NR
				1.01E+01	9.23E+00	NR	NR	1.66E+01	NR
					8.47E+00	NR	NR	NR	NR
CONDUCT	UMHO			2.30E+02@	2.41E+02@	2.10E+02@	VM	3.22E+02@	VM
PH				7.40E+00@	7.10E+00@	6.60E+00@	VM	6.30E+00@	VM
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.22E+01	6.17E+00	2.37E+01%	5.99E+00	7.96E+00	9.29E+00
				1.39E+01	5.28E+00	NR	NR	8.33E+00	NR
				1.43E+01	4.24E+00	NR	NR		NR
				1.69E+01%	8.01E+00	NR	NR	NR	NR
ZINC	PPB	5.00E+00		NR	NR	NR	NR	1.60E+01	NR
				NR	NR	NR	NR	3.10E+01	NR
CALCIUM	PPB	5.00E+01		NR	NR	NR	NR	3.19E+04	NR
				NR	NR	NR	NR	2.89E+04	NR
				NR	NR	NR	NR	3.00E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	2.70E+01	2.00E+01	1.40E+01	1.60E+01	3.10E+01	1.60E+01
				2.80E+01	1.90E+01	NR	NR	3.20E+01	NR
				2.90E+01	2.10E+01	NR	NR	3.30E+01	NR
				2.90E+01	2.10E+01	NR	NR	NR	NR
CADMIUM	PPB	2.00E+00	1.00E+01	3.00E+00	3.00E+00		5.00E+00		3.00E+00
CHROMUM	PPB	1.00E+01	5.00E+01	1.10E+01		1.40E+01			
SODIUM	PPB	1.00E+02		1.09E+04	1.14E+04	1.34E+04	7.90E+03	1.26E+04	1.39E+03
				1.11E+04	1.09E+04	NR	NR	1.25E+04	NR
				1.14E+04	1.13E+04	NR	NR	1.27E+04	NR
				1.14E+04	1.13E+04	NR	NR	NR	NR
NICKEL	PPB	1.00E+01						5.00E+01	
COPPER	PPB	1.00E+01	(1.30E+03)	1.00E+01					
				1.10E+01		NR	NR		NR
				2.00E+01		NR	NR		NR
				1.90E+01		NR	NR	NR	NR
VANADUM	PPB	5.00E+00		5.00E+00	7.00E+00		7.00E+00	5.00E+00	
					7.00E+00	NR	NR	8.00E+00	NR
					6.00E+00	NR	NR	8.00E+00	NR
MANGESE	PPB	5.00E+00		6.00E+00				6.00E+00	
					NR	NR	NR	5.00E+00	NR
POTASUM	PPB	1.00E+02		2.24E+03	2.88E+03	2.44E+03	2.64E+03	3.68E+03	2.65E+03
				2.37E+03	2.73E+03	NR	NR	3.39E+03	NR
				2.48E+03	2.79E+03	NR	NR	3.47E+03	NR
				2.44E+03	2.81E+03	NR	NR	NR	NR
IRON	PPB	5.00E+01		5.40E+01	5.00E+01	6.70E+01	9.70E+01	4.33E+02	6.20E+01
				5.80E+01		NR	NR	2.67E+02	NR
				6.10E+01		NR	NR	2.81E+02	NR
ARSENIC	PPB	5.00E+00	5.00E+01			7.52E+00			
THIOURA	PPB	2.00E+02			9.66E+02				1.09E+03
LEADGF	PPB	5.00E+00	2.00E+01		7.44E+00				

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
VM - VALUE MISSING DUE TO PROBLEMS IN ANALYSIS OR COLLECTION
(+) - WELL SAMPLED IN QUARTERLY [illegible]

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985
INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1(+)	3-1-2(+)	3-1-3	3-1-4	3-1-5(+)	3-1-6
PERCENE	PPB	1.00E+01				1.00E+01		1.50E+01	
						NR	NR	1.40E+01	NR
						NR	NR	1.60E+01	NR
CHLFORM	PPB	1.00E+01		3.30E+01	1.60E+01	2.50E+01		2.20E+01	2.50E+01
				2.40E+01	2.00E+01	NR	NR	2.20E+01	NR
				2.70E+01	2.00E+01	NR	NR	2.20E+01	NR
				2.50E+01	1.80E+01	NR	NR	NR	NR
METHYCH	PPB	1.00E+01							2.00E+01$
BIS2EPH	PPB	1.00E+01			5.00E+01				
TOC	PPB	1.00E+03				1.33E+03			
CYANIDE	PPB	1.00E+01		1.10E+01					
NITRATE	PPB	5.00E+02	4.50E+04	1.96E+04	1.77E+04	1.42E+04	4.00E+03	3.70E+03	3.60E+03
				1.65E+04	1.68E+04	NR	NR	3.40E+03	NR
				1.62E+04	1.54E+04	NR	NR	2.90E+03	NR
				1.60E+04	1.76E+04	NR	NR	NR	NR
SULFATE	PPB	5.00E+02		1.78E+04	1.87E+04	1.54E+04	1.14E+04	1.64E+04	1.26E+04
				1.46E+04	1.80E+04	NR	NR	1.55E+04	NR
				1.47E+04	1.65E+04	NR	NR	1.37E+04	NR
				1.46E+04	1.92E+04	NR	NR	NR	NR
FLUORID	PPB	5.00E+02	1.40E+03	6.90E+02		7.50E+02		1.87E+03*	
				5.90E+02	NR	NR	NR	7.40E+02	NR
				5.90E+02	NR	NR	NR	6.40E+02	NR
				5.90E+02	NR	NR	NR	NR	NR
CHLORID	PPB	5.00E+02		1.48E+04	1.17E+04	1.22E+04	6.40E+03	5.04E+04	6.60E+03
				1.26E+04	1.10E+04	NR	NR	4.72E+04	NR
				1.25E+04	9.70E+03	NR	NR	4.36E+04	NR
				1.21E+04	1.15E+04	NR	NR	NR	NR
AMMONIU	PPB	5.00E+01		1.26E+02	1.40E+02	1.20E+02	1.70E+02	1.35E+02	1.50E+02
				1.24E+02	1.35E+02	NR	NR	1.20E+02	NR
				1.40E+02	1.45E+02	NR	NR	1.35E+02	NR
				1.35E+02	1.45E+02	NR	NR	NR	NR

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
NR - ANALYSIS NOT REQUESTED

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
COLIFRM	MPN	3.00E+00	>DL	4.00E+00*					
BETA	PCI/L	8.00E+00	5.00E+01	1.39E+01		1.04E+01	1.82E+01	1.62E+01	8.84E+00
				NR	NR	1.33E+01	NR	6.06E+01%	NR
				NR	NR	1.09E+01	NR	3.01E+01	NR
				NR	NR	1.12E+01	NR	1.21E+01	NR
CONDUCT	UMHO			2.58E+02@	VM	2.70E+02@	3.25E+02@	3.93E+02@	5.66E+02@
PH				6.70E+00@	7.50E+00@	6.10E+00@	7.00E+00@	7.20E+00@	7.40E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	6.20E+00	5.81E+00	1.88E+01%	1.14E+01	2.25E+01%	
				NR	NR	1.39E+01	NR	3.42E+01%	NR
				NR	NR	2.16E+01%	NR	3.10E+01%	NR
				NR	NR	1.51E+01%	NR	2.07E+01%	NR
ARIUM	PPB	6.00E+00	1.00E+03	4.30E+01	3.60E+01	4.00E+01	3.00E+01	4.20E+01	6.70E+01
				NR	NR	3.90E+01	NR	4.00E+01	NR
				NR	NR	4.00E+01	NR	4.20E+01	NR
				NR	NR	3.90E+01	NR	4.20E+01	NR
CADMIUM	PPB	2.00E+00	1.00E+01	4.00E+00	5.00E+00	3.00E+00			
				NR	NR	2.00E+00	NR	NR	NR
CHROMUM	PPB	1.00E+01	5.00E+01				1.50E+01	1.30E+01	
SODIUM	PPB	1.00E+02		3.89E+03	1.98E+04	1.08E+04	1.72E+04	1.89E+04	1.55E+04
				NR	NR	1.13E+04	NR	1.78E+04	NR
				NR	NR	1.15E+04	NR	1.87E+04	NR
				NR	NR	1.14E+04	NR	1.91E+04	NR
NICKEL	PPB	1.00E+01				1.10E+01		4.00E+01	
VANADUM	PPB	5.00E+00			7.00E+00	5.00E+00	1.00E+01	1.00E+01	
				NR	NR		NR	9.00E+00	NR
				NR	NR		NR	1.00E+01	NR
				NR	NR		NR	9.00E+00	NR
MANGESE	PPB	5.00E+00				6.00E+00			
				NR	NR	6.00E+00	NR		NR
				NR	NR	6.00E+00	NR		NR
				NR	NR	5.00E+00	NR		NR
POTASUM	PPB	1.00E+02		3.56E+03	5.15E+03	3.09E+03	4.67E+03	4.38E+03	6.99E+03
				NR	NR	3.16E+03	NR	4.18E+03	NR
				NR	NR	3.23E+03	NR	4.42E+03	NR
				NR	NR	3.21E+03	NR	4.37E+03	NR
IRON	PPB	5.00E+01		1.24E+02	3.80E+02	2.06E+02	6.60E+01	7.60E+01	
				NR	NR	1.73E+02	NR	6.40E+01	NR
				NR	NR	1.91E+02	NR		NR
				NR	NR	1.61E+02	NR		NR
ARSENIC	PPB	5.00E+00	5.00E+01				6.02E+00	5.27E+00	
MERCURY	PPB	1.00E-01	2.00E+00			2.80E-01			
PERCENE	PPB	1.00E+01		1.80E+01	1.50E+01				
CHLFORM	PPB	1.00E+01		1.30E+01	2.70E+01				
BIS2EPH	PPB	1.00E+01				5.00E+01			
				NR	NR	1.80E+01	NR	NR	NR

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
VM - VALUE MISSING DUE TO PROBLEMS IN ANALYSIS OR COLLECTION

DRAFT

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10(+)	3-4-1	3-4-7(+)	6-S30E15A
TOC	PPB	1.00E+03							1.65E+03
CYANIDE	PPB	1.00E+01				1.20E+01			
NITRATE	PPB	5.00E+02	4.50E+04	1.89E+04	1.13E+04	2.34E+04	1.34E+04	1.55E+04	1.28E+04
				NR	NR	1.92E+04	NR	1.87E+04	NR
				NR	NR	1.89E+04	NR	1.84E+04	NR
				NR	NR	2.06E+04	NR	1.69E+04	NR
SULFATE	PPB	5.00E+02		1.62E+04	3.50E+04	2.23E+04	3.27E+04	3.14E+04	1.51E+04
				NR	NR	1.90E+04	NR	3.86E+04	NR
				NR	NR	1.91E+04	NR	3.80E+04	NR
				NR	NR	2.04E+04	NR	3.49E+04	NR
FLUORID	PPB	5.00E+02	1.40E+03				6.30E+02	6.80E+02	
				NR	NR		NR	6.50E+02	NR
				NR	NR		NR	6.10E+02	NR
CHLORID	PPB	5.00E+02		1.22E+04	1.32E+04	1.23E+04	1.15E+04	1.29E+04	3.73E+03
				NR	NR	1.00E+04	NR	1.58E+04	NR
				NR	NR	1.00E+04	NR	1.56E+04	NR
				NR	NR	1.10E+04	NR	1.42E+04	NR
AMMONIU	PPB	5.00E+01		1.30E+02	1.24E+02	1.30E+02	1.24E+02	1.75E+02	1.55E+02
				NR	NR	1.80E+02	NR	1.70E+02	NR
				NR	NR	1.80E+02	NR	1.70E+02	NR
				NR	NR	1.75E+02	NR	1.80E+02	NR

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(+)- WELL SAMPLED IN QUADRUPLICATE; ONLY VALUES >DETECTION LIMIT ARE SHOWN

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR AUG 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-T-1	3-T-2(1)
BETA	PCI/L	8.00E+00	5.00E+01	3.17E+01	NR
CONDUCT	UMHO			2.02E+02@	NR
PH				6.60E+00@	NR
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.01E+01%	NR
BARIUM	PPB	6.00E+00	1.00E+03	1.50E+01	NR
CHROMUM	PPB	1.00E+01	5.00E+01	1.30E+01	NR
SODIUM	PPB	1.00E+02		1.44E+04	NR
POTASUM	PPB	1.00E+02		2.56E+03	NR
IRON	PPB	5.00E+01		5.60E+01	NR
PERCENE	PPB	1.00E+01		3.90E+01	NR
NITRATE	PPB	5.00E+02	4.50E+04	1.64E+04	NR
SULFATE	PPB	5.00E+02		1.71E+04	NR
FLUORID	PPB	5.00E+02	1.40E+03	8.10E+02	NR
CHLORID	PPB	5.00E+02		1.42E+04	NR
AMMONIU	PPB	5.00E+01		1.10E+02	NR

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
(1)- WELL NOT YET DRILLED
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985
INPUT FILE:UNC_U.WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	UP GRADIENT WELLS 1-H3-1	1-H4-6
BETA	PCI/L	8.00E+00	5.00E+01	1.44E+01	
CONDUCT	UMHO			5.93E+02@	3.71E+02@
PH				7.90E+00@	7.80E+00@
STRONUM	PPB	3.00E+02		4.49E+02	NR
CALCIUM	PPB	5.00E+01		6.93E+04	NR
BARIUM	PPB	6.00E+00	1.00E+03	4.80E+01	3.10E+01
CHROMUM	PPB	1.00E+01	5.00E+01	3.50E+01	3.10E+01
SODIUM	PPB	1.00E+02		1.95E+04	1.73E+04
VANADUM	PPB	5.00E+00		1.40E+01	1.00E+01
MANGESE	PPB	5.00E+00			4.80E+01
POTASUM	PPB	1.00E+02		5.76E+03	4.88E+03
IRON	PPB	5.00E+01		5.50E+01	2.86E+02
CHLFORM	PPB	1.00E+01		1.10E+01	2.30E+01
TOC	PPB	1.00E+03		1.10E+03	
NITRATE	PPB	5.00E+02	4.50E+04	6.46E+04*	1.88E+04
SULFATE	PPB	5.00E+02		6.88E+04	4.38E+04
CHLORID	PPB	5.00E+02		8.57E+03	5.17E+03

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5
COLIFRM	MPN	3.00E+00	>DL		4.00E+00*	
BETA	PCI/L	8.00E+00	5.00E+01	5.10E+02%	2.57E+02%	
CONDUCT	UMHO			VM	VM	VM
PH				VM	VM	VM
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.74E+02%	6.59E+01%	
CALCIUM	PPB	5.00E+01		1.63E+04	NR	NR
BARIUM	PPB	6.00E+00	1.00E+03	2.90E+01	7.00E+01	4.60E+01
CADMIUM	PPB	2.00E+00	1.00E+01		4.00E+00	
CHROMUM	PPB	1.00E+01	5.00E+01	7.88E+02*	6.94E+02*	5.45E+02*
SODIUM	PPB	1.00E+02		2.26E+05	1.68E+05	8.90E+03
NICKEL	PPB	1.00E+01		2.10E+01	1.60E+01	
COPPER	PPB	1.00E+01	(1.30E+03)	3.70E+01		
/ANADUM	PPB	5.00E+00		9.00E+00	1.00E+01	8.00E+00
MANGESE	PPB	5.00E+00		6.00E+00	7.00E+00	
POTASUM	PPB	1.00E+02		4.19E+03	5.59E+03	3.92E+03
IRON	PPB	5.00E+01		8.00E+01	2.01E+03	2.74E+02
CHLFORM	PPB	1.00E+01		2.80E+01	2.70E+01	2.50E+01
PERCENE	PPB	1.00E+01		1.10E+01		
TOC	PPB	1.00E+03		1.61E+03	9.21E+03	1.06E+03
NITRATE	PPB	5.00E+02	4.50E+04	4.18E+05*	3.78E+05*	2.10E+04
SULFATE	PPB	5.00E+02		7.24E+04	6.69E+04	4.02E+04
CHLORID	PPB	5.00E+02		5.05E+03	5.03E+03	4.16E+03

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985

INPUT FILE:WHC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-8-2	6-S19-E13
BETA	PCI/L	8.00E+00	5.00E+01	8.31E+00	1.21E+01
CONDUCT	UMHO			3.53E+02@	3.78E+02@
PH				7.60E+00@	6.70E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01		6.47E+00
ZINC	PPB	5.00E+00		NR	6.00E+00
CALCIUM	PPB	5.00E+01		NR	4.48E+04
BARIUM	PPB	6.00E+00	1.00E+03	3.80E+01	4.50E+01
SODIUM	PPB	1.00E+02		1.88E+04	2.27E+04
NICKEL	PPB	1.00E+01		1.70E+01	
VANADUM	PPB	5.00E+00		1.40E+01	1.20E+01
POTASUM	PPB	1.00E+02		5.35E+03	6.44E+03
LEADGF	PPB	5.00E+00	5.00E+01		7.31E+00
TOC	PPB	1.00E+03			1.16E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.92E+04	1.88E+04
SULFATE	PPB	5.00E+02		2.94E+04	5.17E+04
CHLORID	PPB	5.00E+02		9.05E+03	1.65E+04

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1	3-1-2	3-1-3	3-1-4	3-1-5	3-1-6
BETA	PCI/L	8.00E+00	5.00E+01	1.43E+01	1.09E+01	3.99E+01	1.20E+01	1.70E+01	9.08E+00
CONDUCT	UMHO			2.28E+02@	2.04E+02@	2.30E+02@	1.94E+02@	2.29E+02@	1.67E+02@
PH				7.40E+00@	7.10E+00@	6.60E+00@	5.90E+00@	7.00E+00@	5.40E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.72E+01%	9.77E+00	2.93E+01%	4.48E+00	7.04E+00	5.69E+00
CALCIUM	PPB	5.00E+01						2.08E+04	
BARIUM	PPB	6.00E+00	1.00E+03	3.30E+01	1.90E+01	2.60E+01	2.00E+01	2.30E+01	2.00E+01
CADMIUM	PPB	2.00E+00	1.00E+01			2.00E+00			
CHROMUM	PPB	1.00E+01	5.00E+01			2.40E+01	1.10E+01		
SODIUM	PPB	1.00E+02		1.20E+04	1.18E+04	1.46E+04	7.97E+03	1.21E+04	7.22E+03
NICKEL	PPB	1.00E+01		1.40E+01	1.40E+01			1.50E+01	
COPPER	PPB	1.00E+01	(1.30E+03)			1.50E+01			
/ANADUM	PPB	5.00E+00				1.00E+01	5.00E+00		
MANGESE	PPB	5.00E+00				1.10E+01	6.00E+00		
POTASUM	PPB	1.00E+02		2.25E+03	2.91E+03	3.01E+03	2.69E+03	2.80E+03	2.62E+03
IRON	PPB	5.00E+01		7.70E+01		1.60E+02	1.79E+02		6.30E+01
PERCENE	PPB	1.00E+01				1.40E+01			
CHLFORM	PPB	1.00E+01		2.30E+01	2.30E+01	2.30E+01	2.50E+01	2.00E+01	2.10E+01
METHYCH	PPB	1.00E+01						1.60E+03$	
TOX	PPB	1.00E+02						2.31E+03	
TOC	PPB	1.00E+03					1.31E+03		1.34E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.93E+04	1.59E+04	2.38E+04	2.92E+04	2.39E+04	2.16E+04
SULFATE	PPB	5.00E+02		1.40E+04	1.48E+04	1.54E+04	1.37E+04	1.49E+04	1.50E+04
FLUORID	PPB	5.00E+02	1.40E+03			5.55E+02		5.09E+02	
CHLORID	PPB	5.00E+02		1.55E+04	1.10E+04	1.38E+04	8.33E+03	1.30E+04	6.96E+03
PHOSPHA	PPB	1.00E+03				3.24E+03			

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

9413137.1886

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10	3-4-1	3-4-7	6-S30E15A
COLIFRM	MPN	3.00E+00	>DL	4.00E+00*					
BETA	PCI/L	8.00E+00	5.00E+01	1.62E+01	1.57E+01	1.55E+01	1.24E+01	2.50E+01	1.35E+01
CONDUCT	UMHO			2.17E+02@	2.69E+02@	2.68E+02@	3.30E+02@	3.78E+02@	4.66E+02@
PH				5.40E+00@	7.10E+00@	7.10E+00@	7.20E+00@	7.90E+00@	6.10E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.01E+01	1.92E+01%	2.47E+01%	1.39E+01	4.04E+01%	5.60E+00
BARIUM	PPB	6.00E+00	1.00E+03	4.40E+01	7.80E+01	4.10E+01	3.30E+01	3.80E+01	7.40E+01
CADMIUM	PPB	2.00E+00	1.00E+01						7.00E+00
CHROMUM	PPB	1.00E+01	5.00E+01						1.70E+01
SODIUM	PPB	1.00E+02		1.35E+04	1.11E+04	1.21E+04	1.63E+04	1.83E+04	1.47E+04
NICKEL	PPB	1.00E+01			1.40E+01	2.20E+01			
COPPER	PPB	1.00E+01	(1.30E+03)						1.30E+01
VANADUM	PPB	5.00E+00		5.00E+00	5.00E+00		1.20E+01	8.00E+00	1.70E+01
MANGESE	PPB	5.00E+00		1.70E+01			8.00E+00		9.00E+00
POTASUM	PPB	1.00E+02		3.55E+03	3.35E+03	3.31E+03	4.55E+03	4.44E+03	6.94E+03
IRON	PPB	5.00E+01		2.32E+02	1.10E+02	1.32E+02	3.67E+02		
ARSENIC	PPB	5.00E+00	5.00E+01		4.76E+01				
LEADGF	PPB	5.00E+00	5.00E+01				6.43E+00		
1,1,2-T	PPB	1.00E+01					2.30E+01$		
CHLFORM	PPB	1.00E+01		1.40E+01					
TOC	PPB	1.00E+03				1.10E+03			1.37E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.61E+04	2.74E+04	1.64E+04	1.13E+04	1.62E+04	1.35E+04
SULFATE	PPB	5.00E+02		1.43E+04	1.98E+04	1.72E+04	2.41E+04	4.70E+04	1.67E+04
CHLORID	PPB	5.00E+02		1.15E+04	9.71E+03	9.06E+03	9.34E+03	1.41E+04	6.36E+03

DRAFT

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD
% - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
$ - VALUE MAY BE AFFECTED BY PUMP CONTAMINATION
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR SEP 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-T-1	3-T-2(1)
BETA	PCI/L	8.00E+00	5.00E+01	3.45E+01	
CONDUCT	UMHO			2.32E+02@	
PH				6.70E+00@	
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.23E+01%	
BARIUM	PPB	6.00E+00	1.00E+03	1.90E+01	
CHROMUM	PPB	1.00E+01	5.00E+01	1.30E+01	
SODIUM	PPB	1.00E+02		1.42E+04	
VANADUM	PPB	5.00E+00		5.00E+00	
POTASUM	PPB	1.00E+02		2.82E+03	
IRON	PPB	5.00E+01		1.25E+02	
PERCENE	PPB	1.00E+01		2.60E+01	
CHLFORM	PPB	1.00E+01		2.20E+01	
OC	PPB	1.00E+03		1.23E+03	
NITRATE	PPB	5.00E+02	4.50E+04	1.55E+04	
SULFATE	PPB	5.00E+02		1.38E+04	
FLUORID	PPB	5.00E+02	1.40E+03	5.39E+02	
CHLORID	PPB	5.00E+02		1.36E+04	

DRAFT

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(1) WELL 3-T-2 BEING DRILLED IN SEPT; NOT SAMPLED

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985
INPUT FILE:UNC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H3-1	1-H4-6
BETA	PCI/L	8.00E+00	5.00E+01	1.14E+01	8.93E+00
CONDUCT	UMHO			6.20E+02@	3.50E+02@
PH				8.10E+00@	8.40E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	8.03E+00	
STRONUM	PPB	3.00E+02		5.13E+02	
ZINC	PPB	5.00E+00			1.18E+02
CALCIUM	PPB	5.00E+01		8.87E+04	4.88E+04
BARIUM	PPB	6.00E+00	1.00E+03	5.40E+01	3.20E+01
CHROMUM	PPB	1.00E+01	5.00E+01	3.50E+01	
SODIUM	PPB	1.00E+02		2.30E+04	1.84E+04
VANADUM	PPB	5.00E+00		9.00E+00	5.00E+00
MANGESE	PPB	5.00E+00			6.40E+01
OTASUM	PPB	1.00E+02		7.77E+03	5.61E+03
IRON	PPB	5.00E+01			2.75E+02
CHLFORM	PPB	1.00E+01			2.40E+01
TOC	PPB	1.00E+03		2.00E+03	
NITRATE	PPB	5.00E+02	4.50E+04	7.25E+04*	2.29E+04
SULFATE	PPB	5.00E+02		8.62E+04	4.79E+04
CHLORID	PPB	5.00E+02		7.76E+03	5.56E+03

DRAFT

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MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985

INPUT FILE:UNC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	1-H4-3	1-H4-4	1-H4-5
BETA	PCI/L	8.00E+00	5.00E+01	6.44E+02%	2.89E+02%	
CONDUCT	UMHO			1.65E+03@	8.37E+02@	3.55E+02@
PH				7.50E+00@	7.40E+00@	8.30E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	3.08E+02%	7.75E+01%	
ZINC	PPB	5.00E+00			8.90E+01	4.70E+01
CALCIUM	PPB	5.00E+01		5.30E+04	4.19E+04	5.59E+04
BARIUM	PPB	6.00E+00	1.00E+03	6.70E+01	5.70E+01	4.50E+01
CHROMUM	PPB	1.00E+01	5.00E+01	9.11E+02*	5.48E+02*	5.72E+02*
SODIUM	PPB	1.00E+02		3.70E+05	1.68E+05	9.78E+03
NICKEL	PPB	1.00E+01		3.80E+01		
COPPER	PPB	1.00E+01	(1.30E+03)	6.60E+01		
POTASUM	PPB	1.00E+02		8.41E+03	6.22E+03	4.85E+03
IRON	PPB	5.00E+01		9.70E+01	3.00E+02	5.10E+01
CHLFORM	PPB	1.00E+01		2.60E+01	2.40E+01	2.50E+01
BIS2EPH	PPB	1.00E+01		1.30E+01		
TOC	PPB	1.00E+03		8.89E+03	3.98E+03	1.21E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.04E+06*	3.92E+05*	1.93E+04
SULFATE	PPB	5.00E+02		1.10E+05	8.39E+04	4.39E+04
CHLORID	PPB	5.00E+02		5.16E+03	4.54E+03	3.58E+03

DRAFT

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WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985

INPUT FILE:WHC_U.WELLS

UP GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-8-2	6-S19-E13
BETA	PCI/L	8.00E+00	5.00E+01		1.19E+01
CONDUCT	UMHO			3.37E+02@	3.78E+02@
PH				7.20E+00@	7.90E+00@
BARIUM	PPB	6.00E+00	1.00E+03	3.80E+01	4.70E+01
SODIUM	PPB	1.00E+02		1.90E+04	2.50E+04
VANADUM	PPB	5.00E+00		1.10E+01	1.20E+01
POTASUM	PPB	1.00E+02		5.34E+03	7.33E+03
IRON	PPB	5.00E+01		1.08E+02	7.30E+01
CHLFORM	PPB	1.00E+01			1.20E+01
TOC	PPB	1.00E+03		1.30E+03	1.46E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.62E+04	1.61E+04
SULFATE	PPB	5.00E+02		2.50E+04	5.30E+04
CHLORID	PPB	5.00E+02		8.17E+03	1.48E+04

DRAFT

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@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

9413137.1891

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985
INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-1-1	3-1-2	3-1-3	3-1-4	3-1-5	3-1-6
COLIFRM	MPN	3.00E+00	>DL					4.00E+00*	
BETA	PCI/L	8.00E+00	5.00E+01	1.17E+01	1.17E+01	2.51E+01	1.03E+01	1.01E+01	
CONDUCT	UMHO			1.81E+02@	2.14E+02@	2.54E+02@	1.75E+02@	2.08E+02@	1.91E+02@
PH				6.80E+00@	6.20E+00@	6.00E+00@	7.10E+00@	6.60E+00@	6.90E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	1.61E+01%	4.76E+00	1.96E+01%	6.46E+00	6.00E+00	9.55E+00
BARIUM	PPB	6.00E+00	1.00E+03	3.40E+01	2.20E+01	2.80E+01	2.10E+01	2.00E+01	2.00E+01
SODIUM	PPB	1.00E+02		1.18E+04	1.21E+04	1.68E+04	8.29E+03	1.23E+04	7.56E+03
VANADUM	PPB	5.00E+00		8.50E+00	6.00E+00				
MANGESE	PPB	5.00E+00			6.00E+00				
POTASUM	PPB	1.00E+02		2.48E+03	3.26E+03	3.42E+03	2.79E+03	2.79E+03	2.56E+03
IRON	PPB	5.00E+01		7.80E+01	1.68E+02	2.03E+02	1.10E+02		
PERCENE	PPB	1.00E+01				1.00E+01			
CHLFORM	PPB	1.00E+01		1.70E+01	1.80E+01	1.90E+01	1.80E+01	1.70E+01	1.40E+01
METHYCH	PPB	1.00E+01		4.30E+02					
TOX	PPB	1.00E+02		4.21E+02					
TOC	PPB	1.00E+03		1.89E+03	1.47E+03		2.15E+03		
NITRATE	PPB	5.00E+02	4.50E+04	2.15E+04	2.07E+04	1.88E+04	2.53E+04	2.68E+04	2.18E+04
SULFATE	PPB	5.00E+02		1.35E+04	1.47E+04	1.17E+04	1.43E+04	1.36E+04	1.42E+04
CHLORID	PPB	5.00E+02		8.32E+03	1.18E+04	2.84E+04	4.88E+03	5.21E+03	6.38E+03

DRAFT

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WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

9413137.1892

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-2-1	3-3-7	3-3-10	3-4-1	3-4-7	6-S30E15A
COLIFRM	MPN	3.00E+00	>DL	4.00E+00*					
BETA	PCI/L	8.00E+00	5.00E+01	1.46E+01	9.31E+00		1.06E+01	1.89E+01	8.22E+00
CONDUCT	UMHO			2.31E+02@	3.36E+02@	2.65E+02@	3.07E+02@	3.24E+02@	4.83E+02@
PH				7.00E+00@	7.80E+00@	7.00E+00@	7.50E+00@	6.80E+00@	6.50E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	8.59E+00	8.25E+00	2.32E+01%	1.26E+01	3.97E+01%	
BARIUM	PPB	6.00E+00	1.00E+03	4.80E+01	3.70E+01	4.40E+01	3.40E+01	4.10E+01	6.40E+01
SODIUM	PPB	1.00E+02		1.47E+04	2.06E+04	1.26E+04	1.75E+04	1.91E+04	1.49E+04
VANADUM	PPB	5.00E+00			9.00E+00		9.00E+00	5.00E+00	5.00E+00
MANGESE	PPB	5.00E+00		5.00E+00	6.00E+00				
POTASUM	PPB	1.00E+02		3.78E+03	5.28E+03	3.71E+03	4.97E+03	4.65E+03	6.94E+03
IRON	PPB	5.00E+01		9.70E+01	2.82E+02	1.59E+02	1.92E+02		
LEADGF	PPB	5.00E+00	5.00E+01						7.20E+00
1,1,2-T	PPB	1.00E+01					1.70E+01		
TOC	PPB	1.00E+03		1.14E+03	1.18E+03			1.07E+03	1.61E+03
NITRATE	PPB	5.00E+02	4.50E+04	2.23E+04	1.08E+04	1.64E+04	9.42E+03	1.52E+04	1.10E+04
SULFATE	PPB	5.00E+02		1.37E+04	2.96E+04	1.69E+04	2.41E+04	3.68E+04	1.55E+04
CHLORID	PPB	5.00E+02		1.17E+04	1.23E+04	8.16E+03	7.79E+03	1.32E+04	3.76E+03

DRAFT

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WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY

MONTHLY SUMMARY OF RESULTS ABOVE DETECTION LIMIT FOR OCT 1985

INPUT FILE:WHC_D.WELLS

DOWN GRADIENT WELLS

CONSTITUENT NAME	UNITS	DETECTION LIMIT	WATER STANDARD	3-T-1	3-T-2
BETA	PCI/L	8.00E+00	5.00E+01	3.84E+01	1.69E+01
CONDUCT	UMHO			2.80E+02@	3.09E+02@
PH				7.10E+00@	7.60E+00@
LOALPHA	PCI/L	4.00E+00	1.50E+01	2.05E+01%	1.07E+01
BARIUM	PPB	6.00E+00	1.00E+03	2.60E+01	3.10E+01
SODIUM	PPB	1.00E+02		1.56E+04	2.67E+04
MANGESE	PPB	5.00E+00			4.00E+01
POTASUM	PPB	1.00E+02		3.21E+03	5.74E+03
IRON	PPB	5.00E+01			6.80E+01
CHLFORM	PPB	1.00E+01		1.30E+01	
METHYCH	PPB	1.00E+01		7.10E+01	
TOC	PPB	1.00E+03			3.85E+03
NITRATE	PPB	5.00E+02	4.50E+04	1.97E+04	1.09E+04
SULFATE	PPB	5.00E+02		1.22E+04	7.44E+03
FLUORID	PPB	5.00E+02	1.40E+03		5.40E+02
CHLORID	PPB	5.00E+02		2.61E+04	1.88E+04

DRAFT

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WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY