7771

Appendix B
Chemical Data

Lagoon Sampling
Conducted in 1976

Results on Laboratory Analysis of Samples Collected

@Skinner Landfill, Union Twp., Butler County

Date of Collection: May 11, 1976

Identification of samples (ODH lab number)

#13750-Liquid in pit (black color)
#13751-Liquid in pit (orange color)
#13752-Barrel recovered from pit
#13753-Barrel recovered from pit
#13754-Barrel recovered from pit

Constituent (All results in mg/l(ppm))	#13750	#13751	#13752	#13753	#13754
Cyanide	6.76	7.5	0.36	5.4	761
Cadmium	755	180	2.0	5.6	50
Chromium(total)	160	65	4.0	350	126
Lead(total)	1050	285	—	1370	554
Mercury(total)	0.047	0.0135	0.006	0.0]	0.075
Zinc	480	165	20.0	420	325
Copper	185	129	2.1	269	1840
Phenol	27.3	24	12.8	8.8	11.2

U.S.EPA (Cincinnati lab)

	#13750	#13751
Cyanide	9.1 mg/l	7.7 mg/l

Qualitative determination by gas chromotography-Mass Spectrophotometry process of the constituents in the liquid from Skinner landfill (U.S.EPA Lab-Cincinnati)
Comment: major portion of "ooze" is composed of pesticide intermediat Compounds: compounds from which pesticides are formulated, and are in their own right toxic.

Trichloropropane
Dichlorobenzene
1, 3 Hexachlorobutadiene (Aldrin Component)
Naphthalene (A major Component)
Hexachlorocyclopentadiene
Methyl Napthalene (Two Isomers)
Iso-Butyl Benzolate
HexachloroNor-Bornadine (Endrin Intermediate)
Octachloro-cyclo-pentene (The major component, chlordane intermediate)
Heptachlor-nor-borene (Major component-possibly heptachlor intermediate)
Hexachlorbenzene (Major Component)
Chlordene (Chlordane Derivative?)
Methyl Benzyl Phenone
Octachlor penta fulvalene

Table 2-2
QUANTITATIVE RESULTS OF LABORATORY ANALYSIS
PIT OOZE AND BARREL LIQUID
SKINNER LANDFILL

Collection Date: May 11, 1976

Constitutent (All results in mg/l)	SAMPLE NUMBER #13750	#13751	#13752	#13753	#13754
Cyanide	6.76	7.5	0.36	5.4	761
Cadmium	755	180	2.0	5.6	50
Chromium (total)	160	65	4.0	350	126
Lead (total)	1,050	285	--	1,370	554
Mercury (total)	0.047	0.0135	0.006	0.01	0.075
Zinc	480	165	20.0	420	325
Copper	185	129	2.1	269	1,840
Phenol	27.3	24	12.8	8.8	11.2

The above samples were tested at the U.S. EPA Cincinnati Lab.

	#13750	#13751
Cyanide	9.1	7.7

The sample above was tested at the ODH Lab.

Identification of samples

#13750 - Liquid in pit (black color)
#13751 - Liquid in pit (orange color)
#13752 - Barrel recovered from pit
#13753 - Barrel recovered from pit
#13754 - Barrel recovered from pit

GLI420/7

RECEIVED
JUN 7 1976
Environmental Protection Agency

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI, OHIO 45268

ENVIRONMENTAL MONITORING AND
SUPPORT LABORATORY - CINCINNATI

June 4, 1976

Mr. John E. Richards
Ohio Environmental Protection Agency
Post Office Box 1049
Columbus, Ohio 43216

Dear Mr. Richards:

As requested by telephone on May 19, 1976, we have analyzed the samples delivered to us by Mr. Ken Harsh on May 20. The results of our examinations to this date are:

Sample Identification	Analytical Result
#76-18-#1 Pit Trench	Total cyanide - 9.1 mg/kg (wet weight)
	Organic compounds found and identified:
	trichloropropane
	dichlorobenzene
	1,3-hexachlorobutadiene
	naphthalene - a major component
	hexachlorocyclopentadiene
	methyl naphthalene (2 isomers)
	isobutyl benzoate
	hexachloronorbornadiene
	octachlorocyclopentene - the major component
	heptachloronorbornene - a major component
	hexachlorobenzene - a major component
	chlordene - a major component
	methyl benzophenone
	octachloropentafulvalene
#76-19-#2 Pit Trench	Total cyanide = 7.7 mg/kg
	Organic compounds found and identified:
	trichloropropane
	dichlorobenzene
	1,3-hexachlorobutadiene

naphthalene	- a major component
hexachlorocyclopentadiene	
methyl naphthalene (2 isomers)	
isobutyl benzoate	
hexachloronorbornadiene	
octachlorocyclopentene	- the major component
heptachloronorbornene	- a major component
hexachlorobenzene	- a major component
chlordene	- a major component
methyl benzophenone	
octachloropentafulvalene	
benzoic acid	

The samples are being held under Chain of Custody procedures for further analyses and submission as evidence if required.

Sincerely yours,

Dwight G. Ballinger

Dwight G. Ballinger
Director
Environmentl Monitoring and Support Laboratory - Cincinnati

cc: Dr. Edward Glod, Ohio EPA

TAT Sampling
Conducted in 1986

WESTON • SPER
River Center, 111 North Canal Street, 8th Floor, Suite 855,
Chicago, IL 60606 • (312) 993-1067

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-7367

July 20, 1988

TAT-05-G2-00434

Mr. Steven J. Faryan
Deputy Project Officer
Emergency Response Section
Western Response Unit
U.S. Environmental Protection Agency
11th Floor
230 South Dearborn Street
Chicago, Illinois 60604

Reference: Skinner Landfill, Butler County, Ohio
TDD# 5-8702-07

Dear Mr. Faryan:

On January 28, 1986, the U.S. Environmental Protection Agency (U.S. EPA) tasked the Technical Assistance Team (TAT) to conduct a site assessment of the Skinner Landfill in Union Township, Butler County, Ohio. The enclosed site assessment outlines the background of the site, and describes it as observed in January 1986.

As the site is on the National Priorities List and currently being addressed by the U.S. EPA Hazardous Waste Division, Remedial Section, no action by the Emergency Response Section is recommended. However, based on the existing conditions at the site, the following recommendations are presented for referral to the Remedial Section:

- Establishing a ground water monitoring program for wells in and around the landfill.
- Removing and disposing of contaminated soil near Skinner Creek.
- Staging drums from the northeast side of the landfill for sampling, overpacking, and disposal.

WESTON·SPER

Should you have any questions or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.

Sally Matz

For Scott D. Springer
Technical Assistance Team
Leader, Region V

RM/dd
Enclosure

SITE ASSESSMENT

FOR THE

SKINNER LANDFILL
UNION TOWNSHIP
BUTLER COUNTY, OHIO

Prepared For:

U.S. Environmental Protection Agency
Region V
230 South Dearborn Street
Chicago, Illinois

CONTRACT NO. 68-01-7367

TDD# 5-8702-07

TAT-05-G2-00434

Prepared By:

WESTON-SPER
Technical Assistance Team
Region V

July 1988

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1.0 SITE DESCRIPTION

The property utilized by Operating Industries Inc., commonly known as Skinner Landfill, is a demolition debris landfill. Past practices of the landfill involved acceptance of pesticide waste, chemical waste, liquid industrial waste and, allegedly, military chemical ordinance. The landfill is located in Butler County, Ohio, approximately one-half mile northeast of the Town of West Chester, and approximately one-half mile south of the interchange between Interstate 75 and Cincinnati-Dayton Road in Union Township, Ohio, Range 3, Township 2, Section 22 (Figure 1). The Skinner property comprises approximately 78 acres of hilly terrain. The property is bordered on the north and east by wooded land, and on the south by both wooded and agricultural land. To the west is Cincinnati-Dayton Road with an elementary school located across from the Skinner property. The U.S. Environmental Protection Agency (U.S. EPA) Remedial Investigation Feasibility Study (RI/FS) report of the Skinner Landfill states:

> "The site is situated in a highly dissected area that slopes from a till-mantled, bedrock upland at elevations of 850 to 900 feet (M.S.L.) to a broad, flat-bottomed valley, which is occupied by Mill Creek, at elevations of 600 to 650 feet. Elevations within the Skinner property range from 650 to 750 feet. The property is traversed by two intermittent streams, one of which, East Fork, flows approximately west to east through the southern part of the site. The other stream, known as Skinner Creek, flows southwesterly, parallel to and about 600 feet east of Cincinnati-Dayton Road. In the angle between the two streams is an upland, having two en-echelon, elongated hills, which are also oriented roughly parallel to Cincinnati-Dayton Road. Several ponds are present on the western flank of the western hill, which shows evidence of sand and gravel extraction.
>
> In general, the site is underlain by relatively thin glacial drift (less than 35 feet) over interbedded shales and limestones of Ordovician age. Based on water well logs and boring logs from the limited on-site investigations, the soils are mixtures of sand, silt and clay in varying proportions. The soil stratigraphy is not well-defined. There appears to be a narrow buried valley that branches off from the Mill Creek buried valley towards West Chester. Drift thicknesses of up to 100 feet were found in West Chester, where a substantial layer of sand and gravel contain an aquifer which serves as a water supply for many residences. This buried valley may extend into the Skinner property at its southeastern corner in the vicinity of the

confluence of the two streams. Preliminary hydrogeologic evaluations by St. John (1981) and Hosler (1976) concluded that ground water flow in the vicinity of the site was most likely in a southwesterly direction, toward the buried valley. However, the depth and configuration of the water table are not well-defined."

2.0 SITE BACKGROUND

The Skinner property first became involved in landfilling in 1934. John R. Kennedy, sanitarian for the Butler County Health Department, states in a 1959 letter that the landfill was used for disposal of general trash from a paper plant, other materials used in the paper making process, and scrap metal from various sources. This letter was written in response to a complaint about late night burning and irritating smoke coming from the Skinner property.

On April 2, 1963, Operating Industries, Inc., requested permission from the Butler County Board of Health (BCBH) to conduct a sanitary landfill operation on the Skinner property in Union Township. The principals of Operating Industries, Inc., included Albert Skinner, Skinner Sand and Gravel Company, and George Solomon of Cincinnati, Ohio. The BCBH approved the use of the site as a sanitary landfill.

The Dalewood Homeowners Association (DHA) opposed the landfill, and subsequently stated their case to the BCBH. On June 25, 1963, the DHA wrote the BCBH, which stated that Skinner Landfill was accepting "liquid cyanide waste" from the Sharonville Ford Motor Company Plant. The DHA further alleged that chemical wastes from Andrew Jurgens Company, Dow Chemical Company, Globe Valve Company, and Cincinnati Chemical Company were being disposed of in Skinner Landfill. In a letter dated June 23, 1964, the Ford Motor Company confirmed that materials containing cyanide were disposed in the Skinner Landfill. No actions were taken regarding these complaints, and the landfill continued operations.

The Southwestern Ohio Air Pollution Control (SOAPC) received a complaint from a citizen on April 19, 1976, concerning heavy smoke and odors emanating from the Skinner Landfill during the period of April 8, 1976, to April 19, 1976. The citizen also reported experiencing eye irritation on April 16, 1976. This same citizen reported seeing two tank trucks enter and leave the landfill. SOAPC inspector Hugh Davis investigated the complaint and reported that the cause of the latest observed fire (April 18, 1976) was the burning of old tires and scrap lumber at the facility. He stated in his report that he could not discern any chemical odor. One fireman reported that they feared the fire would reach a nearby lagoon containing a black, oily liquid. The

surface area of the lagoon was estimated to be approximately 35 feet x 40 feet.

On April 21, 1976, the Ohio Environmental Protection Agency (OEPA) was asked to investigate the latest suspicion of whether waste from the Chem-Dyne Corporation Industrial Waste Storage Plant was being delivered to the Skinner Landfill. The Chem-Dyne Corporation denied that any of their waste was disposed of at the Skinner Landfill site.

After access had been denied on April 22, representatives of OEPA, SOAPC, BCHD, and Butler County Sheriff's Deputies entered the Skinner Landfill on April 26, 1976, with a search warrant. The area of the lagoon noted during the April 18, 1976 fire had been recently graded. This grading allegedly began the afternoon of April 22, 1976, after access was denied. Over one hundred 55-gallon drums marked "Chemical Waste" were also observed during the April 26 inspection.

The OEPA received reports on May 3, 1976, that the Skinners had been trucking unknown materials off their property late at night. The trucks left the landfill with their lights off, and consequently, were not readily identifiable.

On May 4, 1976, representatives of OEPA and the Butler County Sheriff's Department returned to the Skinner Landfill site with a search warrant to conduct further investigations. The inspector found the road leading to the regarded lagoon area blocked by a bulldozer, that the Skinners claimed was inoperable. When the Skinners were told that the OEPA would return with the equipment to move the bulldozer they stated that the following materials were buried at the landfill: nerve gas; mustard gas; incendiary bombs; phosphorous; Flame Throwers; cyanide ash; and explosive devices.

At this time the OEPA withdrew from the site, and inquiries were made into the Skinner's allegations. Sources confirmed only that that cyanide ash, phosphorous, and one or two flame throwers with canisters had been disposed of by the Skinners. No confirmation was available of the other materials claimed to be disposed of on the site. Due to the possible involvement of weaponry, the Pentagon was contacted and a specialized unit was secured to aid in the site investigation.

At a meeting on May 10, 1976, between the Butler County Sheriff, U.S. EPA, and the U.S. Army Special Unit, the Sheriff stated that the Skinners' had been working all Saturday night, Sunday and Sunday night moving earth. Representatives of the OEPA, U.S. Army Special Unit, and Butler County Sheriff's Department entered the Skinner Landfill on May 11, 1976, and proceeded to the lagoon area that had been pinpointed on aerial photographs. As

excavation of the lagoon area was undertaken, a chemical odor became stronger, and individuals in the general area reported experiencing burning eyes and general discomfort. At a depth of 10 feet, the soil removed became black, slimy and moist. At 15 feet, thick black liquid began flowing into the excavated trench. Between 15 to 20 feet, a layer of 55-gallon drums was discovered, as well as red and green material resembling paint. Seven samples were collected from the excavated site and drums. Consultants from Chem-Dyne had stated earlier that there might have been a clay and/or vinyl liner in the lagoon area. No liner was encountered during the excavation.

Analysis of the May 11, 1976, OEPA sampling of pit ooze and drum liquid indicated the presence of several pesticide intermediate compounds as well as cyanide, cadmium, chromium, lead, mercury, zinc, copper and phenol. Despite these findings, the landfill continued operations.

On July 22, 1977, J. Zorn, of Rayan Engineering, took aerial slides of the Skinner Landfill and reported open burning in the disposal site area. The OEPA reinvestigated the Skinner Landfill on July 25, 1977, and made the following observations: demolition type waste and earth had been dumped in the OEPA authorized excavation of May 11, 1976; a pile of unknown white bulk material had been dumped recently; a leachate was noted seeping from near the buried lagoon area; and drums were stacked near the creek which runs through the landfill. The drums were filled with a white colored semisolid. Several drums were leaking and had drained into a nearby creek; Mr. Skinner stated that the material was used for dust control on his driveways.

Legal proceedings were initiated by the State of Ohio, against the Skinner Landfill operation, in the Butler County Court of Common Pleas (CCP) on August 22, 1977. In January of 1979, the CCP entered a final judgment, denying the Skinners any further chemical waste disposal at their landfill. The Court refused, however, to issue a mandatory injunction directing the Skinners to remove the accumulated wastes present on the site.

On August 1, 1979, the Butler County Court of Appeals affirmed the CCP judgment of January 1979, refusing to issue the mandatory injunction to remove present wastes on site. Twelve days later, on August 13, 1979, the OEPA requested that the Attorney General's Office appeal the Court of Appeals, First Appellate District of Ohio, decision in State of Ohio, ex rel. Ned E. Williams, et al., versus Albert Skinner and Mrs. Albert Skinner, dba The Skinner Landfill, No. CA79-02-0010, filed August 1, 1979. OEPA lost this appeal.

The Field Investigation Team (FIT) on September 10, 1980, attempted a site inspection, but were refused entrance by Mrs.

Skinner. On July 19, 1982, the FIT finally gained access and began drilling four monitoring wells as part of the Mitre Program (Hazardous Ranking System). The four monitoring wells were completed on July 22, 1982. Two of the wells were dry, and the other two were sampled on July 27, 1982. The FIT submitted their assessment to the U.S. EPA on September 3, 1982.

In April 1983, the U.S. EPA conducted a responsible party search of the Skinner Landfill. The Remedial (REM II) activities for Skinner Landfill undertaken by Roy F. Weston Inc., began in August 1984. On January 28, 1986, U.S. EPA Remedial Project Manager (RPM) Gene Wong, requested that the U.S. EPA Emergency Response Section perform a site assessment of the Skinner Landfill.

3.0 SITE INSPECTION

On February 13, 1986, On-Scene Coordinator (OSC) Ross Powers, and Technical Assistance Team (TAT) members Robert McLeod and Craig Bell met with RPM Gene Wong, OEPA representative Tom Onco, and Mark Hudson and Mike Bort of Roy F. Weston, (REM II project). Additionally, Mr. Skinner's son, Ray Skinner was present as an escort. TAT members air monitored the site with a photoionization detector (HNU) and a combustible gas indicator. Only the HNU readings exceeded background, which occurred during near contact with suspect material.

During the site inspection, it was noted that active demolition waste landfilling was occurring throughout the 78 acres of the Skinner Landfill. The site, well vegetated with mature trees, had four active residences within its confines (Figure 2). Partial fencing encompassed the site, however the landfill was easily accessible with off-road recreational vehicles entering the site often. Numerous underground storage tanks, junk vehicles, appliances, railroad cars, and demolition debris littered the site. The Skinners also have several pieces of heavy equipment, a rock crushing device, several storage buildings and an abandoned stacked burning pit on the site.

Supposedly, numerous drums on the site contained motor oil, grease and anti-freeze, which are used in the operation of heavy equipment. One group of drums, near Skinner Creek on the west side of the site, consisted of thirty-three 55-gallon drums marked "paint thinner", and sixty-three 5-gallon cans marked "roofing tar". These drums were in deteriorated condition, and several had degraded to the point of losing their contents. The other large collection of drums was at the north boundary in a heavily vegetated area. Here, approximately fifty 55-gallon drums were situated in a disorderly manner. Several of these drums were severely degraded and the contents solidified. These drums appeared to contain paint. All other drums and tanks on the

site, which contained materials, were identified by Mr. Ray Skinner to contain motor oils, grease and anti-freeze all used in the operation of the landfill.

Mr. Ray Skinner reported that he intended to move all the drummed material used in the landfill operation into locked railroad cars. Mr. Ray Skinner also stated that he intended to sell the tar and thinner located by Skinner Creek, and crush every empty steel drum on the landfill. The several large underground storage tanks present on the site were part of a scrap metal operation engaged in by Mr. Ray Skinner, and were open and appeared empty.

The site of both the buried lagoon and excavation of May 11, 1976, was heavily vegetated and partially covered by demolition debris. The four monitoring wells at the old lagoon site appeared to be in good condition. One empty electrical transformer was observed at the site.

On February 14, 1986, TAT members Bell and McLeod met OSC Powers and RPM Wong, at the Skinner Landfill to conclude the site inspection. Mr. Ray Skinner again accompanied the group during the inspection. The morning activities consisted of continuing to locate and identify drums and their contents. The drums located that day were either empty, or identified by Mr. Ray Skinner as containing material used in the operation of the landfill. At the end of the day, it was decided that a comprehensive sampling of the site would be carried out to characterize the site.

On February 19, 1986, TAT members Bell and McLeod met OSC Powers at Skinner Landfill. Mrs. Skinner refused entry, stating that her son was not available to escort the team. OSC Powers contacted the office of Regional Counsel who worked out an agreement to allow entry on February 20, 1986.

On February 20, 1986, TAT members Bell and McLeod, along with OSC Powers entered Skinner Landfill to collect samples. Mr. Ray Skinner accompanied the sampling team throughout the day.

Samples were collected to qualify potential surface problems, which included a pile of white material, drums on site, flooring blocks and a transformer. Additionally, sampling was used to identify off-site migration of contaminants. The areas identified as potential release points included seeps below the old waste lagoon, seeps below the landfilling operation, runoff from the landfill, and runoff from the old waste lagoon.

The first phase of the sampling involved bailing the monitoring wells and placing seep collectors in the stream bank. Upon completion of the aforementioned tasks, the pile of white

material identified as lime was sampled by pushing a hollow tube three feet into the material. The tube was then extracted and the cores of the samples composited. The sample was analyzed for metals, organics, ignitibility and reactivity.

Along Skinner Creek, the thirty-three 55-gallon drums marked "thinner", and sixty-three 5-gallon cans marked "roofing tar" had been removed by the property owner prior to the February 20 visit. A composite soil sample was collected from the spot were the drums had been placed. This sample was analyzed for volatile organic compounds (VOCs).

Of approximately fifty 55-gallon drums located on the north boundary of the landfill, a single drum was sampled. This sample was analyzed for VOCs and flashpoint. Open drums showed decay, and appeared to contain similar substances - i.e., paint.

A pile of flooring blocks on the site were sampled by breaking up several of the blocks and compositing the pieces. The samples were analyzed for polychlorinated biphenyls (PCBs). A composite soil sample was collected from around the base of an apparently empty transformer, and analyzed for PCBs.

To identify off-site contaminant migration, these samples were analyzed for metals and organics.

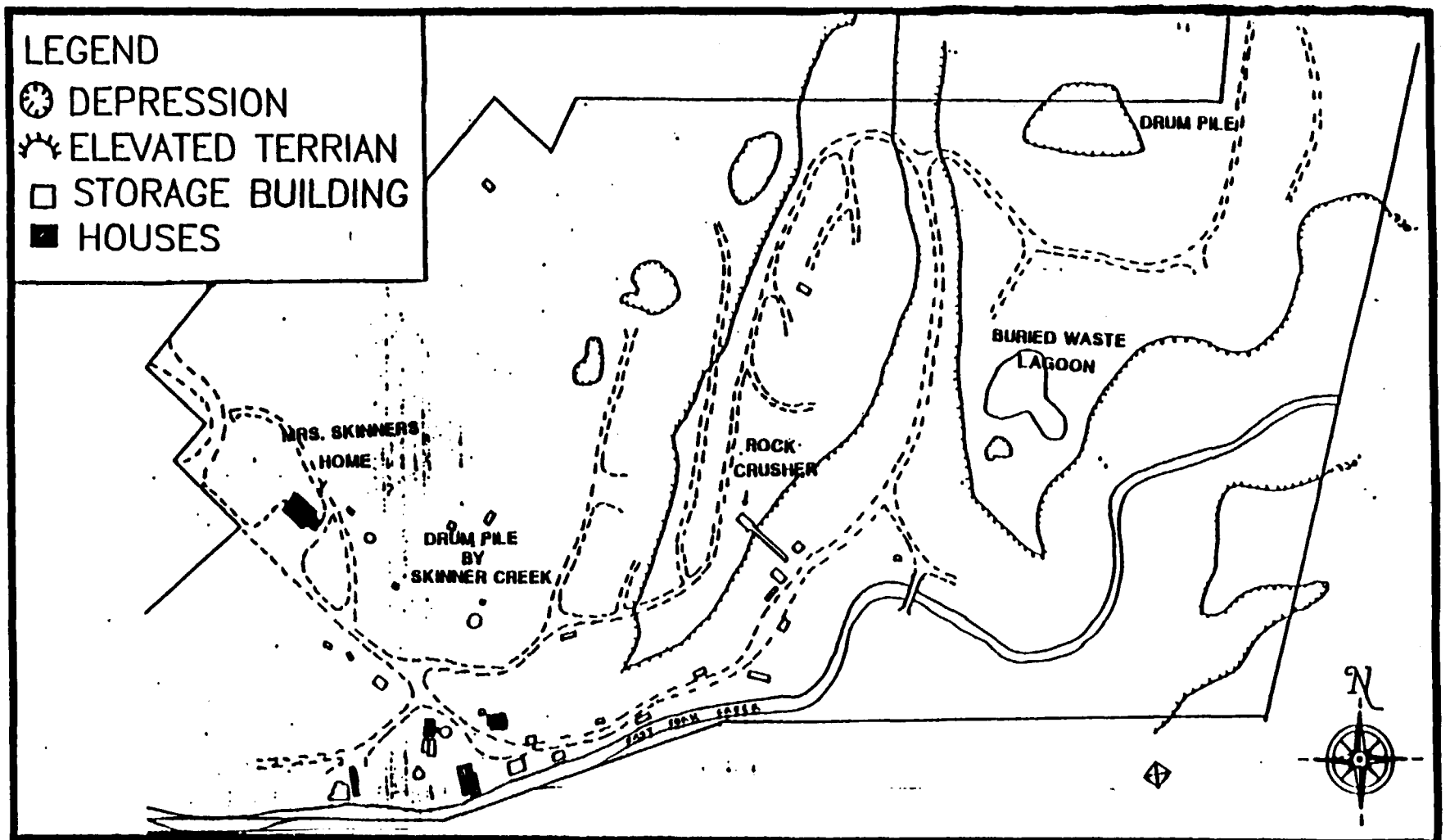
Two monitoring wells, situated at the site in the now buried lagoon, were sampled with a stainless bailer. The bailer was decontaminated between wells and the cord changed. The well samples were analyzed for metals and organics.

On March 14, 1986, TAT members Bell and McLeod returned to the Skinner Landfill, and sampled the four wells on the property. The wells were all potable water sources utilized by the Skinner family. The samples were analyzed for VOCs.

4.0 ANALYTICAL RESULTS

Analytical results are presented in the following: Table 1 from the February 20, 1986 liquid sampling, Table 2 from the February 20, 1986 well sampling, and Table 3 from the March 14, 1986 well sampling. Table 4 presents the list of compounds and elements detected at the Skinner Landfill with the associated referenced standards.

As illustrated in the three tables, many compounds and elements exceed the regulatory standards. The majority of these contaminants are Resource Conservation and Recovery Act (RCRA) regulated waste and therefore, are listed hazardous waste.



NOT TO SCALE

FIGURE 2
SITE MAP
SKINNER LANDFILL
WESTCHESTER, OHIO

WESTON
MANAGERS DESIGNERS/CONSULTANTS

DRAWN BY L.A.	DATE 6-9-88	PCS # 1194
APPROVED J.B.	DATE 6-9-88	TDD # 5870207

TABLE 1
ANALYTICAL RESULTS OF SAMPLES COLLECTED BY THE TAT*
AT SKINNER LANDFILL
WEST CHESTER, OHIO
FEBRUARY 20, 1986
(results in parts per billion)

CONTAMINANT	LAGOON SEEP #50	LAGOON RUNOFF #53	DUMP SEEP #51	DUMP RUNOFF #52	LIME LAGOON #1	NORTH EAST DRUM PILE #2	SOIL BY SKINNER CREEK #3
BENZENE	—	—	—	—	NA	15.07**	—
2-CHLOROETHYLVINYL ETHER	39.48	42.90	45.77	22.32	NA	—	3580.08
CHLOROFORM	3.67	—	4.84	2.19	NA	—	294.73
TRANS-1,3-DICHLOROPROPENE	—	—	—	—	NA	—	4.61
ETHYL BENZENE	—	3.76	—	—	NA	3403.50**	11.39**
METHYLENE CHLORIDE	37.01	12.51	82.52	54.67	NA	—	—
TOLUENE	40.41	125.82	59.17	77.22	NA	3803.80**	—
1,1,1-TRICHLOROETHANE	39.19	52.15	31.85	33.79	NA	—	—
TRICHLOROETHENE	—	54.88	—	—	NA	—	—
ANTHRACENE	—	—	—	1.13	NA	NA	NA
PHENANTHRENE	—	—	—	1.18	NA	NA	NA
EP Toxicity (results in ppm)							
ARSENIC	0.12**	—	0.007**	0.006**	0.001**	NA	NA
BARIUM	—	—	—	—	3.0**	NA	NA
CHROM-TOTAL	0.33	—	0.13	—	—	NA	NA
COPPER	0.11	—	—	—	NA	NA	NA
LEAD	0.28	—	—	—	—	NA	NA
MERCURY	0.19	—	—	—	—	NA	NA
NICKEL	0.20	—	—	—	NA	NA	NA
ZINC	0.88	—	—	—	NA	—	NA
FLASH POINT	NA	NA	NA	NA	>212°F	82°F	NA

*Samples Analyzed by Suburban Laboratories, Inc., Hillside, Illinois
— Below Detection Limit
NA Not Analyzed
** Concentrations reported in parts per million

TABLE 2
ANALYTICAL RESULTS OF SAMPLES COLLECTED BY THE TAT*
AT SKINNER LANDFILL
WESTCHESTER, OHIO
FEBRUARY 20, 1986
(results in parts per billion)

CONTAMINANT	WELL #54	WELL #55D	WELL #56	FIELD BLANK
BENZENE	1163.39	1270.37	8.66	-
CHLOROBENZENE	62.49	75.46	-	-
CHLOROETHANE	288.61	343.38	-	-
CHLOROFORM	59.36	70.21	122.37	5.93
1,3 DICHLOROBENZENE	756.24	586.48	-	-
1,4 DICHLOROBENZENE	111.11	-	-	-
1,1 DICHLOROETHANE	1780.31	1963.23	-	-
1,2 DICHLOROETHANE	65.48	101.84	-	-
1,1 DICHLOROETHENE	20.43	35.66	22.97	-
TRANS 1,2 DICHLOROETHENE	788.32	968.22	-	-
1,2 DICHLOROPROPANE	805.54	1376.18	-	-
ETHYL BENZENE	181.40	215.82	7.30	-
METHYLENE CHLORIDE	295.06	516.79	1104.69	36.22
TOLUENE	3231.65	3393.95	381.62	44.79
1,1,1 TRICHLOROETHANE	176.75	274.89	293.65	24.06
TRICHLOROETHENE	25.01	14.73	29.02	-
PHENOL	14.10	-	-	-
2-CHLOROPHENOL	6.27	-	-	-
BIS (2-CHLOROETHYL) ETHER	315.61	313.18	-	-
BIS (2-ETHYHEXYL) PHTHALATE	32.34	61.78	4.68	1.10
NAPHTHALENE	12.38	16.25	-	-
ARSENIC	20.00	30.00	NA	-
ZINC	230.00	180.00	NA	-

* SAMPLES ANALYZED BY SUBURBAN LABORATORIES, INC, HILLSIDE, ILLINOIS
- Below Detection Limit
NA Not Analyzed

TABLE 3
ANALYTICAL RESULTS OF SAMPLES COLLECTED BY THE TAT*
AT SKINNER LANDFILL
WEST CHESTER, OHIO
March 14, 1986
(results in parts per billion)

CONTAMINANT	S61 LAGOON WELL	S62 SKINNER WELL	S64 FIELD BLANK
1,1 DICHLOROETHANE	3.00	—	—
1,2 DICHLOROPROPANE	5.00	—	—
1,1,1 TRICHLOROETHANE	20.00	14.00	—

* SAMPLES ANALYZED BY CANTON ANALYTICAL LABORATORY, INC, YPSILANTI, MICHIGAN
— Below Detection Limit

TABLE 4
STANDARDS FOR CONTAMINANTS
FOUND AT SKINNER LANDFILL
(Concentrations in parts per billion)

CONTAMINANT	TLV/1	AQUATIC CRITERIA/2	HA ONE DAY/3	HA TEN DAYS/3	HA CHRONIC/3	CONC. IN NATURAL SOILS/4
BENZENE	30	5300	-	230	70	-
CHLOROBENZENE	350	3500	1800	1800	30000	-
CHLOROFORM	10000	1200	-	-	-	-
1,3 DICHLOROBENZENE	-	700	-	-	-	-
1,4 DICHLOROBENZENE	-	440	-	-	-	-
1,1 DICHLOROETHANE	-	-	-	-	-	-
1,2 DICHLOROETHANE	-	-	-	-	-	-
1,1 DICHLOROETHENE	-	-	1000	-	70	-
TRANS 1,2 DICHLOROETHENE	-	-	2700	270	-	-
1,2 DICHLOROPROPANE	-	2100	-	90	-	-
ETHYL BENZENE	435	560	-	-	-	-
METHYLENE CHLORIDE	350	-	13000	1500	150	-
TOLUENE	375	5200	21500	2200	340	-
1,1,1 TRICHLOROETHANE	-	-	-	-	1000	-
TRICHLOROETHENE	-	-	2000	200	75	-
PHENOL	19	3400	-	-	-	-
2-CHLOROPHENOL	-	180	-	-	-	-
NAPHTHALENE	50	-	-	-	-	-
ARSENIC	0.20	440	-	-	-	5000
BARIUM	-	-	-	-	-	430000
CHROM-TOTAL	-	21	1400	1400	-	100000
COPPER	0.20	-	-	-	-	30000
LEAD	-	-	-	-	-	10000
MERCURY	0.05	4.1	-	-	-	30
NICKEL	-	-	-	-	-	40000
ZINC	5.00	-	-	-	-	50000

1. Threshold Limit values established by the American Conference of Governmental Industrial Hygienists.

2. Federal Water Quality Criteria for Freshwater Aquatic Life (Acute).

3. Health Advisories (1-day, 10-day, chronic) established by the U.S. EPA Office of Drinking Water.

4. Average Element Concentrations in Natural soils adapted from Hazardous Waste Land Treatment, U.S. EPA, SW-874 (April, 1983).

5.0 THREATS TO HUMAN HEALTH AND THE ENVIRONMENT AS RELATED TO THE NATIONAL CONTINGENCY PLAN

The Skinner Landfill site has been found to pose the following actual and potential threats to human health and the environment as delineated in 40 CFR Section 300.65 (b)(2) of the National Contingency Plan:

1) Actual or potential exposure to hazardous substances, pollutants or contaminants by nearby populations, animals or the food chain;

2) Actual or potential contamination of drinking water supplies or sensitive ecosystems;

3) Hazardous substances or pollutants or contaminants in drums, barrels, tanks or bulk storage containers that may pose a threat of release to the environment; and

4) High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.

5.1 Actual or Potential Exposure

The presence of the drums at the northeast corner of the site poses an existing threat of exposure. These drums, tentatively identified as "brilliantly colored paint", are randomly scattered, in various stages of decay, and currently leaking contents. Sample analysis indicates that these drums contain high concentrations of benzene, ethyl benzene and toluene. The status and condition of these drums presents an actual and potential threat to nearby populations, animals, and the food chain.

5.2 Actual or Potential Contamination

The sample data generated from the monitoring wells in the buried waste lagoon demonstrates the presence of elevated levels of chloroform, 1,3-dichlorobenzene, methylene chloride, toluene and 1,1,1-trichloroethane (1,1,1-TCA) in the ground water. However, analysis of water samples collected from the potable water wells on site show only three contaminants: 1,1-dichloroethane, 1,2-dichloropropane and 1,1,1,-TCA. These substances were present at levels not considered hazardous. The potential contamination of drinking water supplies does exist through migration of the contaminants in to the ground water, and may explain the presence of 1,1,1-TCA in both the monitoring wells and the potable water wells.

5.3 Threat of Release

In its current state, the drum pile at the northeast corner of the site has released contaminants, and poses a continuing threat of release as the drums decompose.

5.4 Threat of Migration

Surface soils collected next to Skinner Creek (where drums marked "thinner" had been stored) were analyzed, with results showing elevated levels of ethyl benzene and chloroform. The proximity of Skinner Creek to the contaminated surface soils offers a path of migration for contaminants.

6.0 RECOMMENDATIONS

Because Skinner Landfill is on the National Priorities List, and currently under investigation by the U.S. EPA Waste Management Division, Remedial Section, action by the Emergency Response Section is not warranted at this time. Based on the above threats, the TAT does recommend the following for implementation by the lead agency:

- establish a monitoring well sampling program in and around the landfill;
- remove contaminated soils for disposal or treatment; and,
- stage, sample, overpack, and dispose of drums located in the northeast section of the site.

Phase I
Round I and II Sampling
Conducted in 1986

SAMPLING DATA TABLES

Table	
F1	Volatile Organic Compounds — Groundwater
F2	BNA Compounds — Groundwater
F3	Pesticide/PCB Compounds — Groundwater
F4	Inorganic Compounds — Groundwater
F5	General Tests — Groundwater
F6	Volatile Organic Compounds — Surface Water
F7	Volatile Organic Compounds — Sediment
F8	BNA Compounds — Surface Water
F9	BNA Compounds — Sediment
F10	Pesticide/PCB Compounds — Sediment
F11	Inorganic Compounds — Surface Water
F12	Inorganic Compounds — Sediment
F13	General Tests — Surface Water
F14	Volatile Organic Compounds — Surface Soil
F15	BNA Compounds — Surface Soil
F16	Pesticide/PCB Compounds — Surface Soil
F17	Inorganic Compounds — Surface Soil

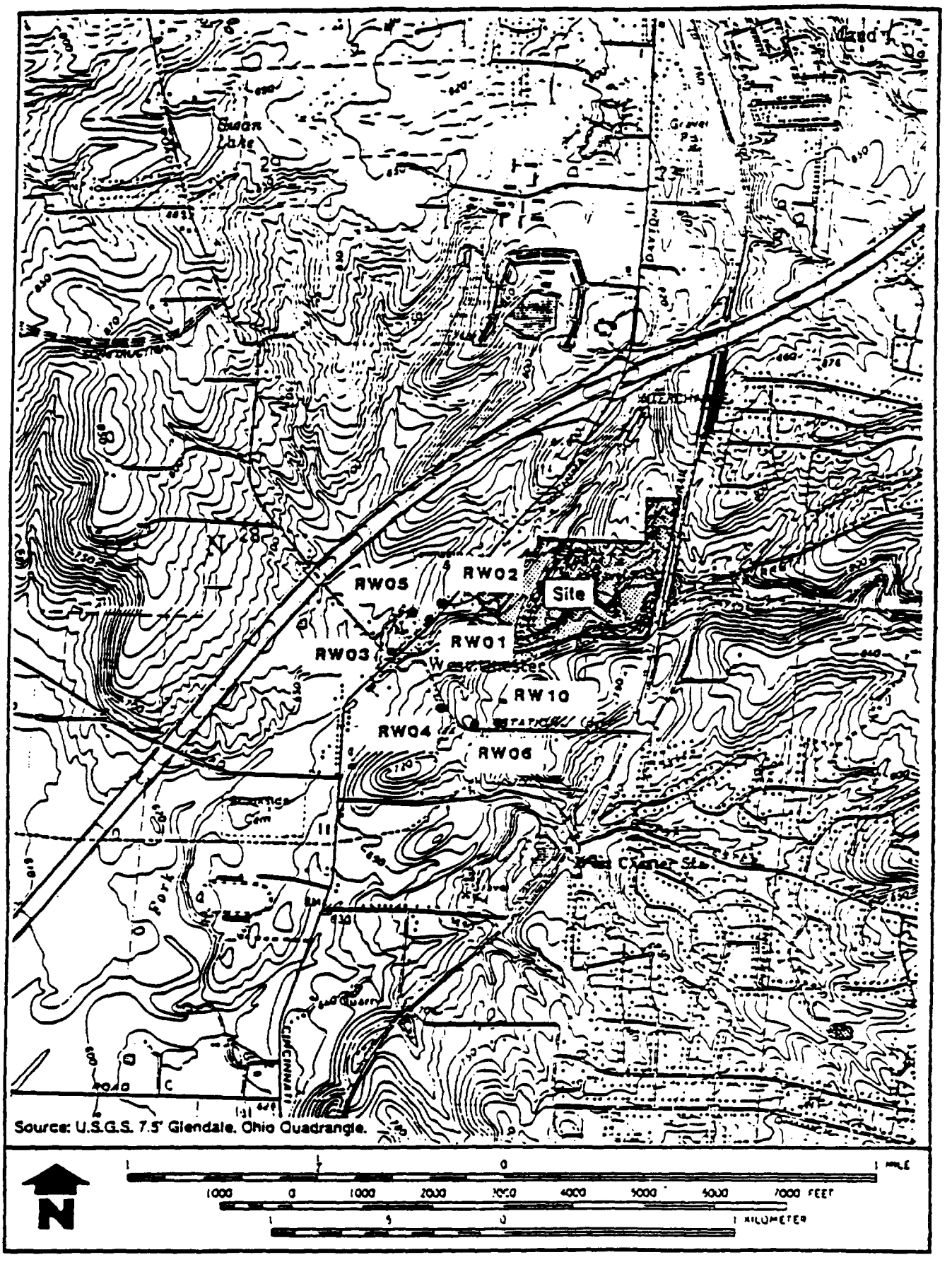


FIGURE 5-5 RESIDENTIAL WELL SAMPLING LOCATIONS

TABLE 5-12

SUMMARY OF RESIDENTIAL WELL VOC ANALYSES
ALL VALUES IN ug/l (ppb)

	RW01	RW02	RW03	RW04	RW05	RW05DP	RW06	RW10	Field Blank	Maximum Contaminant Level (MCL)
1,1,1-Trichloroethane	---	---	---	---	---	---	---	---	9.0	200
Acetone	---	---	---	---	---	---	---	---	77	NE
Bromodichloromethane	---	---	5.0	---	---	---	---	---	---	100
Chloroform	---	---	8.0	---	---	---	---	---	---	100
Toluene	---	---	---	---	---	---	---	5.5	---	2000*
Methylene Chloride	---	---	---	---	---	---	---	10.0	---	NE

--- Not Detected
DP - Duplicate
NE - Not Established
* Recommended Maximum Contaminant Level (RMCL)

TABLE 5-13

SUMMARY OF RESIDENTIAL WELL BNA ANALYSES
ALL VALUES IN ug/l (ppb)

	RW01	RW02	RW03	RW04	RW05	RW05DP	RW06	RW10	Field Blank	Maximum Contaminant Level (MCL)
Fluoranthene	---	2.0	---	---	---	---	---	---	---	NE
Pyrene	---	1.7	---	---	---	---	---	---	---	NE
Phenol	---	---	---	---	---	---	---	140	---	NE
4-Methylphenol	---	---	---	---	---	---	---	210	---	NE
Benzoic Acid	---	---	---	---	---	---	---	45	---	NE

--- Not Detected
DP - Duplicate
NE - Not Established

TABLE 5-14

SUMMARY OF RESIDENTIAL WELL PESTICIDE/PCB ANALYSES
ALL VALUES IN ug/l (ppb)

	RW01	RW02	RW03	RW04	RW05	RW05DP	RW06	RW10	Field Blank	Maximum Contaminant Level (MCL)
Lindane	---	---	---	---	---	---	0.060	---	---	NE
Heptachlor	---	---	---	---	---	---	0.060	---	---	0*
Heptachlorepoxide	---	---	0.060	0.060	0.060	0.060	---	---	---	0*
Endosulfan I	---	0.067	0.040	0.040	0.040	0.040	0.20	---	---	NE
Dieldrin	---	0.690	---	---	---	---	0.240	---	---	NE
Beta-BHC	---	---	---	---	---	---	---	10.5	---	NE
Delta-BHC	---	---	---	---	---	---	---	5.8	---	NE
4,4-DDT	---	---	---	---	0.060	0.090	0.460	---	---	NE
Methoxychlor	---	---	---	---	---	---	0.520	---	---	NE
Aroclor 1245	---	---	---	---	0.20	0.20	---	---	---	0*

--- Not Detected
DP - Duplicate
* Proposed Value

TABLE 5-15

SUMMARY OF RESIDENTIAL WELL INORGANICS ANALYSES
SKINNER LANDFILL
ALL VALUES IN ug/l (ppb)

	RW01-01	RW02-01	RW03-01	RW04-01	RW05-01	RW05-DP	RW06-01	RW10-01	Field Blank	Primary Drinking Water Standards
Aluminum	---	98.2 K	---	---	92.6	88.3	45 K	2650	---	NE
Barium	50	633	48.0	50.4	120	118	592	184	---	1000
Boron	206	155	132	93.6	574	258	94.3	127	---	NE
Calcium	97.3 K	219 K	77.7 K	99.5 K	97.7 K	97.4 K	155 K	151 K	---	NE
Chromium	---	186	---	---	---	---	76.4	10.2	9.45 K	50
Copper	---	466	37.7	10.5	7.49	7.43	157	38.7	---	1000*
Iron	---	160 K	165	233	335	347	91.7 K	19.5 K	---	300*
Lithium	26.0	150	---	12.5	46.4	46.5	54.8	18.9	---	NE
Magnesium	27.0 K	58 K	11.6 K	---	26.8 K	26.7 K	33.6 K	29.2 K	---	NE
Manganese	31.8	2390	29.0	65.8	298	299	4020	667	---	50*
Potassium	---	14.9 K	3.04 K	---	---	---	6.14 K	62.7 K	---	NE
Sodium	18.0 K	4.96 K	11.5 K	---	148.0 K	148 K	3.12 K	11.4 K	---	NE
Strontium	1620	504	209	322	1340	1340	325	340	---	NE
Zinc	103	4910	298	858	894	887	1410	412	---	5000*
Alkalinity as CaCO3 (mg/l)	284	116	169	239	250	257	268	537	---	NE
Chloride (mg/l)	39	---	3	11	310	310	---	20	---	250*
Nitrate as Nitrogen (mg/l)	0.25	4.02	4.35	0.41	0.63	0.63	1.54	---	---	10
Sulfate (mg/l)	84	32	28	60	37	37	47	28	---	250*
Ammonia (mg/l)	---	---	---	---	---	---	---	---	---	NE

--- Not Detected
DP - Duplicate
* - Secondary drinking water standard.
K = Multiply Result by 1000

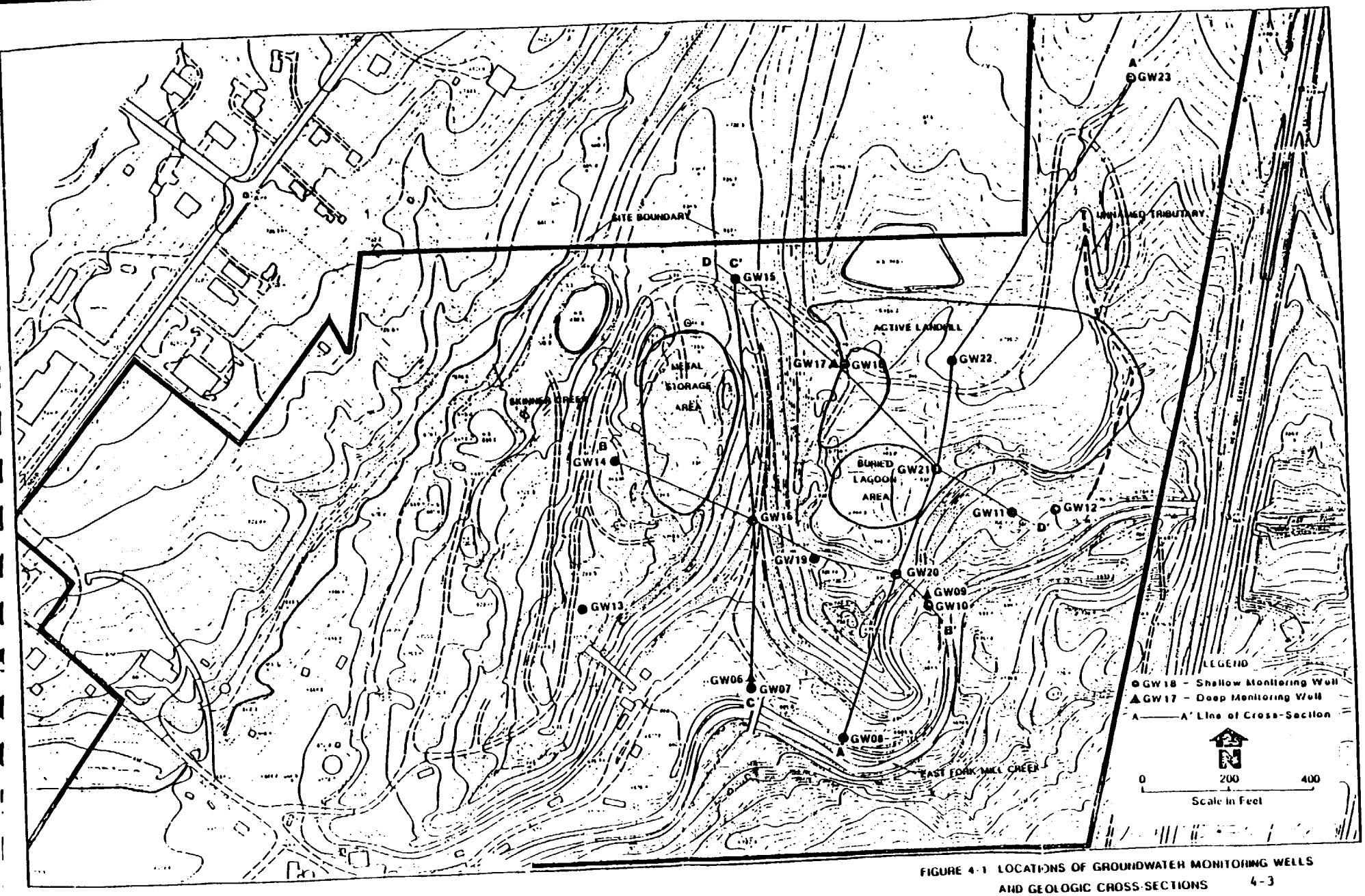


FIGURE 4-1 LOCATIONS OF GROUNDWATER MONITORING WELLS AND GEOLOGIC CROSS-SECTIONS

TABLE F1
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-01	GW06-02	GW07-01	GW07-02	GW08-01	GW08-DP	GW09-01	GW09-02	GW09-DP
PHASE	1,1	2	1	1	1	1	1	2	1
CRL LOG NUMBER	BARA01826	BARA01897	BARA01827	BARA01898	BARA01828	BARA01828	BARA01829	BARA02501	BARA01829
TRAFFIC REPORT NUMBER	EH518	EH295	EH519	EH543	EH520	EH521	EH522	EH546	EH572
DATE COLLECTED	05/23/86	08/21/86	05/23/86	08/21/86	05/19/86	05/19/86	05/15/86	08/21/86	05/16/86
UNITS	UG/KG	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-Trichloroethane	------	------	------	------	------	------	------	------	------
1,1-Dichloroethane	------	------	1 J	------	------	------	------	------	------
2-Butanone	40 JB	------	4 JB	------	------	4 JB	------	------	------
Acetone	500 B	15	12 B	------	5 J	5 JB	------	9.5 J	13 B
Benzene	------	1.6 J	------	------	------	------	------	------	------
Carbon Tetrachloride	------	------	------	------	------	------	------	------	------
Chlorobenzene	------	------	------	------	------	------	------	------	------
Chloroethane	------	------	------	------	------	------	------	------	------
Chloroform	------	------	------	------	------	------	------	------	------
Ethylbenzene	------	------	------	------	------	------	------	------	------
Methylene Chloride	15 JB	------	6 B	------	4 J	2 JB	------	3.3 J	2 JB
Tetrachloroethene	------	------	------	------	------	------	4 J	------	1 J
Toluene	------	1.3 J	------	------	------	------	3 JB	1.3 J	1 JB
Total Xylenes	------	------	------	------	------	------	------	------	------
Trans-1,2-Dichloroethene	------	------	27	11	------	------	------	------	------
Vinyl Chloride	------	------	4 J	------	------	------	------	------	------

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F1 (cont'd)
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW15-02	GW16-01	GW16-02	GW16-BK	GW17-01	GW17-02	GW17-BP	GW18-01	GW18-02
PHASE	2	1	2	2	1	2	2	1	2
CRL LOG NUMBER	B6RA02807	B6RA01536	B6RA02808	B6RA02808	B6RA01537	B6RA02809	B6RA02809	B6RA01538	B6RA02810
TRAFFIC REPORT NUMBER	EH576	EH529	EH577	EH551	EH530	EH578	EH547	EH531	EH579
DATE COLLECTED	08/20/86	05/13/86	08/20/86	08/20/86	05/13/86	08/19/86	08/19/86	05/13/86	08/19/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-Trichloroethane	------	12	------	2.6 J	------	------	------	------	------
1,1-Dichloroethane	------	------	------	------	------	------	------	------	------
2-Butanone	------	------	------	------	------	------	------	36 J	------
Acetone	------	2 J	------	------	14 J	------	------	------	------
Benzene	------	------	------	------	340	------	------	950	------
Carbon Tetrachloride	------	------	------	------	------	------	------	------	------
Chlorobenzene	------	------	------	------	------	------	------	------	------
Chloroethane	------	------	------	------	------	------	------	------	------
Chloroform	------	------	------	------	------	------	------	------	------
Ethylbenzene	------	------	------	------	------	------	------	------	------
Methylene Chloride	------	7	------	5.6 B	14	------	92 B	20 JB	------
Tetrachloroethene	------	------	------	------	20 J	------	------	------	------
Toluene	3.8 JB	------	3.8 JB	5.3 B	4 JB	3.6 JB	20 JB	------	3.3 JB
Total Xylenes	------	------	------	------	------	------	------	------	------
Trans-1,2-Dichloroethene	------	------	------	------	------	------	------	------	------
Vinyl Chloride	------	------	------	------	------	------	------	------	------

J = Estimated Value

B = Compound Detected in Lab Blank

TABLE F2

SUMMARY OF SEMIVOLATILE ORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW07-02	GW08-BP	GW09-01	GW09-02	GW09-BP	GW10-01	GW10-02	GW11-01	GW11-02
PHASE	2	1	1	2	1	1	2	1	2
CRL LOG NUMBER	B6RA01598	B6RA01628	B6RA01629	B6RA02601	B6RA01629	B6RA01630	B6RA02602	B6RA01631	B6RA02603
TRAFFIC REPORT NUMBER	EH543	EH521	EH522	EH546	EH572	EH523	EH548	EH524	EH549
DATE COLLECTED	08/21/86	05/19/86	05/15/86	08/21/86	05/16/86	05/15/86	08/21/86	05/18/86	08/21/86
UNITS	UG/L		UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,4-Dichlorobenzene	------	------	------	------	------	------	------	------	------
2-Methylnaphthalene	------	------	------	------	------	------	------	------	------
4-Chloroaniline	------	------	------	------	------	------	------	------	------
4-Methylphenol	------	------	------	------	------	------	------	------	------
Benzoic Acid	------	------	------	------	------	------	------	------	------
Butylbenzylphthalate	------	------	------	------	------	------	------	------	------
Di-n-Butylphthalate	------	------	------	------	------	------	------	3 J	------
Diethylphthalate	------	------	------	------	------	------	------	------	------
Methylene Chloride	------	------	------	------	------	------	------	------	------
N-Nitrosodiphenylamine	1.2 J	------	------	------	------	------	------	------	------
Napthalene	------	------	------	------	------	------	------	------	------
Pentachlorophenol	------	------	------	260	------	------	------	------	------
Phenol	------	4 J	------	------	------	------	------	------	------
Tetrachloroethene	------	------	------	------	------	------	------	------	------
bis(2-Chloroethyl)Ether	------	------	------	------	------	23 J	30	------	------
bis(2-Chloroisopropyl)Ether	------	------	------	------	------	------	------	------	1.8 J
bis(2-Ethylhexyl)Phthalate	5.4 JB	------	3 J	21 JB	2 J	------	------	------	------

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F2 (cont'd)
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW18-01	GW18-02	GW19-01	GW19-02	GW20-01	GW20-02	GW21-01	GW22-01	GW22-02
PHASE	1	2	1	2	1	2	1	1	2
CRL LOG NUMBER	B6RA01S38	B6RA02S10	B6RA01S39	B6RA02S11	B6RA01S40	B6RA02S12	B6RA01S41	B6RA01S42	B6RA02S14
TRAFFIC REPORT NUMBER	EH531	EH579	EH532	EH580	EH534	EH581	EH535	EH536	EH762
DATE COLLECTED	05/13/86	08/19/86	05/22/86	08/20/86	05/22/86	08/20/86	05/19/86	05/13/86	08/19/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,4-Dichlorobenzene	------	8.2 J	------	------	------	------	------	------	------
2-Methylnaphthalene	------	------	------	------	------	------	------	3 J	------
4-Chloroaniline	------	------	------	------	------	------	------	7 J	46 J
4-Methylphenol	------	------	------	------	------	140	------	------	------
Benzoic Acid	------	------	------	------	------	2800	------	------	------
Butylbenzylphthalate	------	------	------	------	------	------	------	------	------
Di-n-Butylphthalate	2 J	------	2 J	------	------	------	2 J	------	------
Diethylphthalate	------	------	------	------	------	------	------	------	------
N-Nitrosodiphenylamine	------	------	------	------	------	------	------	------	------
Naphthalene	10 J	------	------	------	------	------	------	17 J	29 J
Pentachlorophenol	------	------	------	220 J	------	250 J	------	------	------
Phenol	------	------	------	------	------	------	------	------	34 J
bis(2-Chloroethyl)Ether	------	------	------	------	180	------	------	------	------
bis(2-Chloroisopropyl)Ether	------	------	------	------	------	------	------	------	------
bis(2-Ethylhexyl)Phthalate	------	------	------	------	------	------	------	------	------

TABLE F3
SUMMARY OF PESTICIDE/PCB COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-02	GW16-02	GW17-02	GW17-DP	GW18-02	GW20-02
PHASE	2	2	2	2	2	2
CRL LOB NUMBER	B6RA01597	B6RA02808	B6RA02809	B6RA02809	B6RA02810	B6RA02812
TRAFFIC REPORT NUMBER	EH295	608	EH578	809	EH579	EH581
DATE COLLECTED	08/21/86	08/20/86	08/19/86	08/19/86	08/19/86	08/20/86
UNITS	UG/L	UG/L		UG/L	UG/L	UG/L
Dieldrin	0.13	------	------	------	------	------
Hexachlorobenzene	------	0.04 J	0.02 J	0.03 J	0.02 J	------
Hexachlorocyclopentadiene	------	------	------	------	------	0.04 J

J = Estimated Value

TABLE F4
SUMMARY OF INORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW04-01	GW06-02	GW07-01	GW07-02	GW08-01	GW08-01D	GW08-DP	GW08-DPD	GW09-01
PHASE	1	2	1	2	1	1	1	1	1
CRL LOG NUMBER	86RA01826	86RA01897	86RA01827	86RA01898	86RA01828	86RA01828	86RA01828	86RA01828	86RA01829
TRAFFIC REPORT NUMBER	MEJ128	MEJ150	MEJ129	MEJ151	MEJ130	MEJ130	MEJ131	MEJ131	MEJ132
					U		U		
DATE COLLECTED	05/23/86	08/21/86	05/23/86	08/21/86	05/19/86	05/19/86	05/19/86	05/19/86	05/15/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Aluminum	773	67	------	49	13700	------	20900	------	------
Arsenic	------	------	------	------	8	------	16	------	------
Barium	180	70	109	96	93	56	144	56	41
Beryllium	------	------	------	------	------	------	------	------	------
Calcium	63100	33700	126000	178000	193000	160000	316000	141000	9720
Chromium	23	------	------	6.1	21	------	31	------	------
Cobalt	------	------	------	------	------	------	------	------	------
Copper	------	7.7	------	10	40	------	37	------	2
Cyanide	------	------	------	------	------	------	------	------	------
Iron	596	47	55	67	22900	38	39300	33	------
Lead	------	------	4	------	14	8	24	4	------
Magnesium	8500	14000	22100	38900	30000	21400	49400	21500	16110
Manganese	------	18	578	2650	467	30	1120	30	------
Mercury	------	------	------	------	------	------	------	------	------
Nickel	------	------	------	16	26	------	40	------	------
Potassium	13200	50300	14500	11900	5400	1090	7100	1140	43450
Selenium	------	------	------	------	------	------	------	------	------
Sodium	52000	143000	29800	86600	10100	8510	12400	8310	30330
Vanadium	------	------	------	------	33	------	47	------	2.1
Zinc	10	5.7	------	19	94	11	139	------	------

U = Unfiltered Sample

TABLE F4 (cont'd)

SUMMARY OF INORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW11-DKB	GW12-01	GW12-02	GW13-01	GW14-01	GW14-02	GW15-01	GW15-02	GW15-DP
PHASE	1	1	2	1	1	2	1	2	2
CRL LOG NUMBER	86RA01831	86RA01832	86RA02604	86RA01833	86RA01834	86RA02506	86RA01835	86RA02507	86RA02807
TRAFFIC REPORT NUMBER	MEJ185	MEJ135	MEJ158	MEJ136	MEJ137	MEJ161	MEJ138	MEJ181	MEJ153
DATE COLLECTED	05/18/86	05/18/86	08/21/86	05/19/86	05/18/86	08/21/86	05/13/86	08/20/86	08/20/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Aluminum	------	------	92	------	------	43	------	46	37
Arsenic	------	------	------	------	------	------	------	------	------
Barium	------	97	82	------	------	51	82	154	86
Beryllium	------	------	------	------	------	3.9	------	------	------
Calcium	------	324200	274000	26000	48600	68400	136800	144000	166000
Chromium	------	6	7	------	------	4.3	------	------	15
Cobalt	------	7	9.1	------	------	------	5	------	------
Copper	------	4	15	------	------	9.3	------	7.9	8.5
Cyanide	------	------	------	------	------	------	------	------	------
Iron	50	------	137	84	154	47	787	46	35
Lead	------	------	------	8	4	------	------	------	------
Magnesium	------	105400	99500	18500	143000	18300	28610	23000	38100
Manganese	------	749	3130	33	39	59	2213	838	2340
Mercury	------	------	------	------	------	------	0.2	------	------
Nickel	------	44	45	------	------	------	------	------	13
Potassium	------	101000	48700	7410	1000	1700	5847	2280	11400
Selenium	------	------	------	------	------	------	------	------	------
Sodium	------	248400	184000	286000	6650	12200	76060	28600	79400
Vanadium	------	------	------	------	------	------	------	------	------
Zinc	------	1	58	------	------	9.8	18	7.8	26

U = Unfiltered Sample

TABLE F4 (cont'd)

SUMMARY OF INORGANIC COMPOUND ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW19-01B	GW19-02	GW20-01	GW20-01B	GW20-02	GW21-01	GW21-01B	GW22-01	GW22-02
PHASE	1	2	1	1	2	1	1	1	2
CRL LOG NUMBER	B6RA01839	B6RA02511	B6RA01840	B6RA01840	B6RA02512	B6RA01841	B6RA01841	B6RA01842	B6RA02514
TRAFFIC REPORT NUMBER	MEJ142	MEJ190	MEJ144	MEJ144	MEJ191	MEJ145	MEJ145	MEJ146	MEE990
			U			U			
DATE COLLECTED	05/22/86	08/20/86	05/22/86	05/22/86	08/20/86	05/19/86	05/19/86	05/13/86	08/19/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Aluminum	------	75	45700	------	545	26000	------	------	323
Arsenic	------	------	51	19	32	17	8	------	------
Barium	58	98	694	957	1080	236	141	84	220
Beryllium	------	------	------	------	------	------	------	------	------
Calcium	64000	113000	433000	160000	401000	385000	119300	90890	104000
Chromium	8	6.1	101	------	6	41	------	19	31
Cobalt	------	------	57	------	18	35	------	4	10
Copper	------	4.2	163	------	3.5	59	------	------	6.3
Cyanide	------	------	------	------	------	------	------	------	------
Iron	39	78	105000	5270	61800	58600	4320	73480	45300
Lead	------	------	79	4	------	27	5	------	5.8
Magnesium	28500	34600	109000	57200	72300	71300	35100	11890	19400
Manganese	33	182	2570	683	3830	3180	1530	520	696
Mercury	------	------	------	------	------	------	------	------	------
Nickel	------	------	150	25	40	71	------	------	20
Potassium	2800	4220	31400	22100	36000	53000	44300	5929	18600
Selenium	------	------	------	------	------	------	------	------	------
Sodium	4630	3900	82200	86300	83200	42800	44000	17100	63200
Vanadium	------	------	102	------	------	61	------	------	------
Zinc	------	6.6	441	------	60	150	------	18	47

U = Unfiltered Sample

TABLE F5
SUMMARY OF GENERAL TESTS ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW07-02	GW08-01	GW08-DP	GW09-02	GW10-01	GW10-02	GW11-01	GW11-02	GW12-02
PHASE	1	1	1	2	1	2	1	2	2
CRL LOG NUMBER	86RA01890	86RA01828	86RA01828	86RA02802	86RA01830	86RA02602	86RA01831	86RA02603	86RA02604
TRAFFIC REPORT NUMBER	NEJ151	2287E-01	2287E-02	NEJ154	2287E-03	NEJ156	2287E-04	NEJ157	NEJ158
DATE COLLECTED	08/21/86	05/19/86	05/19/86	08/21/86	05/15/86	08/21/86	05/18/86	08/21/86	08/21/86
UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
Alkalinity as CaCO3	1270	------	------	527	------	2610	------	1040	1360
Ammonia as Nitrogen	------	------	------	4.4	------	20	------	16	13
Chloride	42	------	------	46	------	200	------	270	220
Nitrate as Nitrogen	0.15	------	------	------	------	0.5	------	0.55	4.1
Sulfate	90	------	------	16	------	80	------	560	540
TDS	------	1890	1944	------	986	------	269	------	------

TABLE F5 (cont'd)
SUMMARY OF GENERAL TESTS ANALYSES
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW20-01	GW20-02	GW21-01	GW22-02
PHASE	1	2	1	2
CRL LOG NUMBER	BARA01540	BARA02512	BARA01541	BARA02514
TRAFFIC REPORT NUMBER	2287E-07	MEJ191	2287E-08	MEE990
DATE COLLECTED	05/22/86	08/20/86	05/19/86	08/19/86
UNITS	MG/L	MG/L	MG/L	MG/L
Alkalinity as CaCO3	------	3040	------	11400
Ammonia as Nitrogen	------	36	------	3.5
Chloride	------	840	------	82
Nitrate as Nitrogen	------	------	------	------
Sulfate	------	------	------	37
TSS	2860	------	3690	------

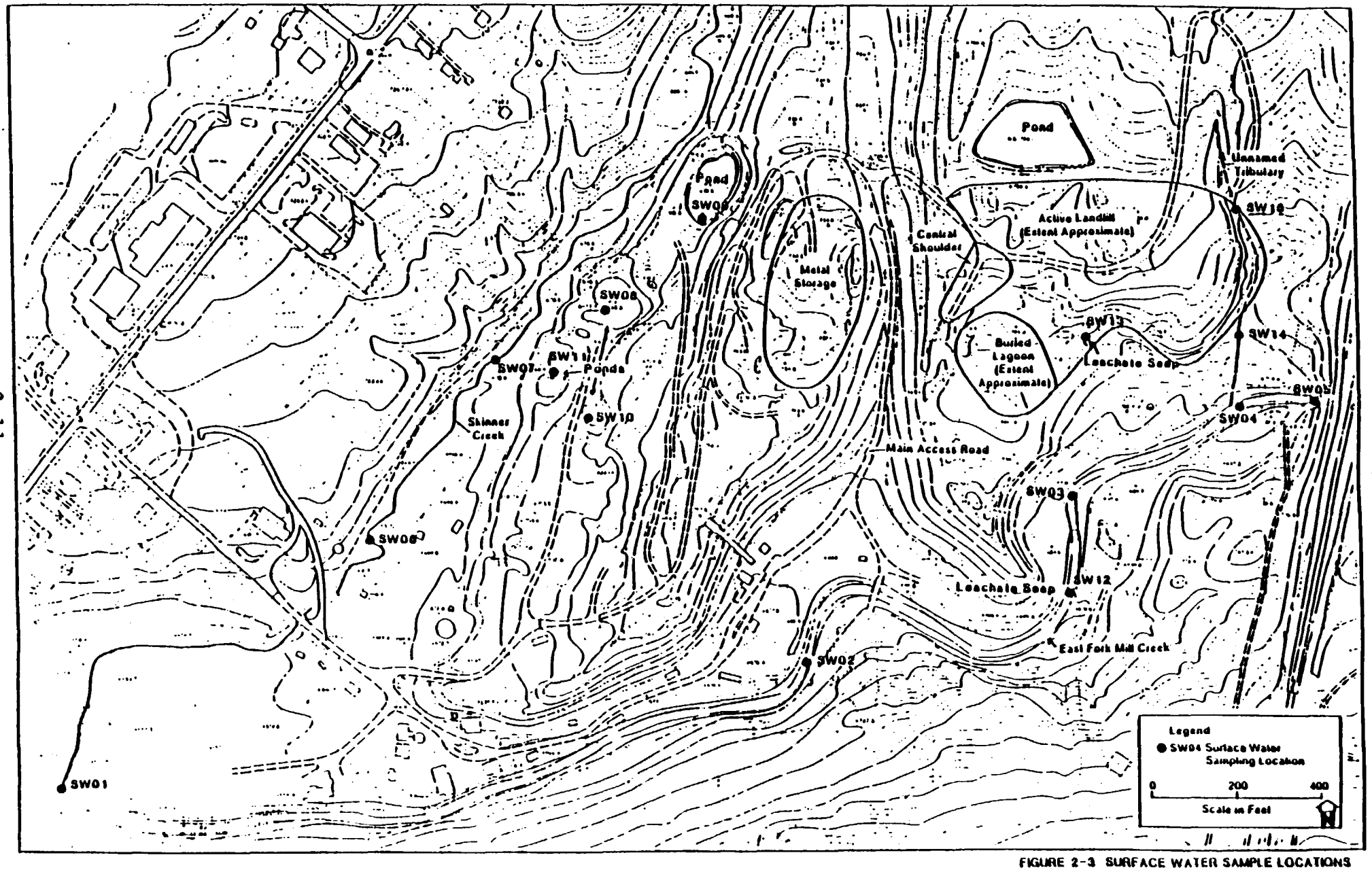


FIGURE 2-3 SURFACE WATER SAMPLE LOCATIONS

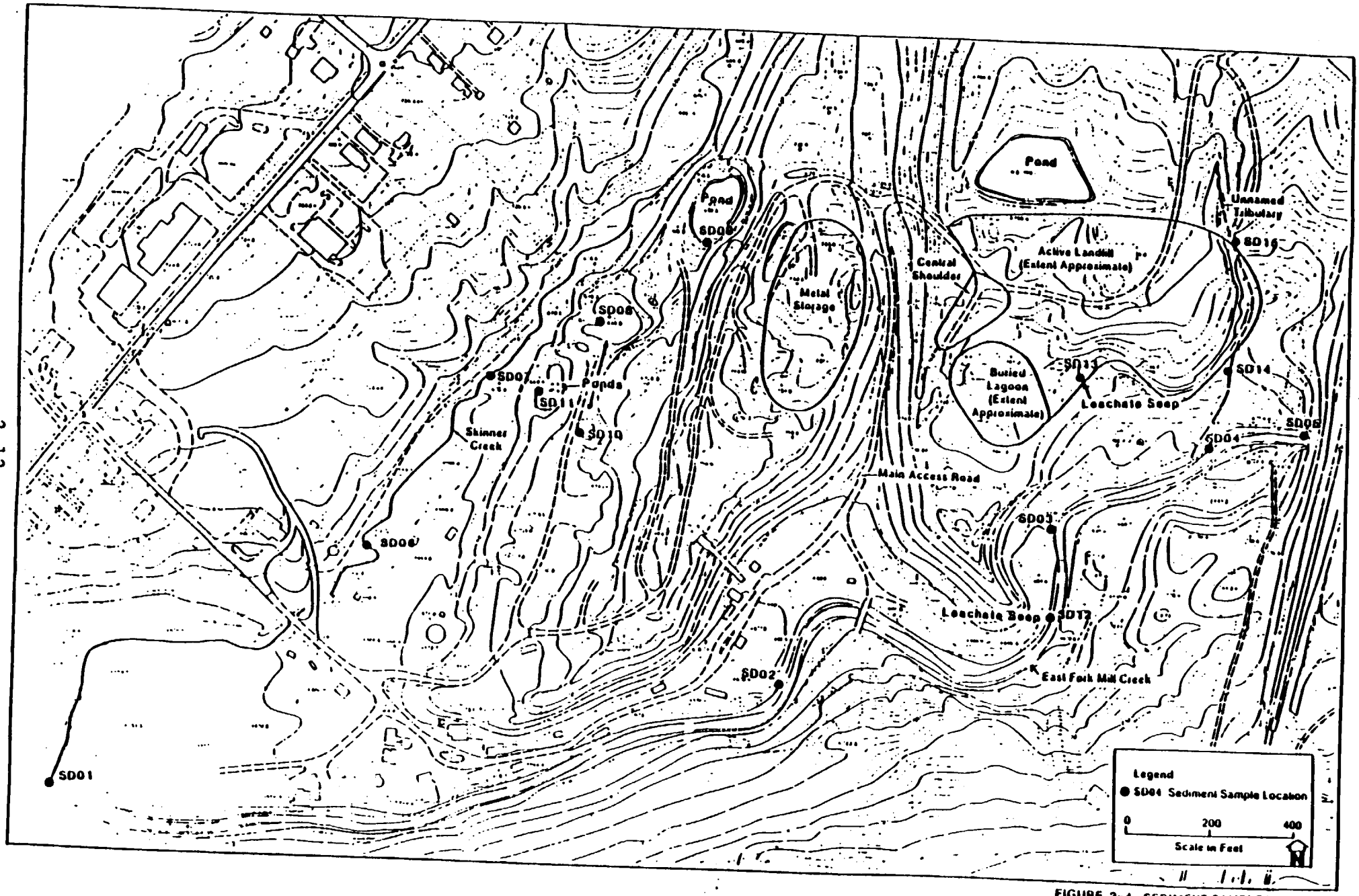


FIGURE 2-4 SEDIMENT SAMPLE LOCATIONS

TABLE F6

SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
SURFACE WATER SAMPLES
SKINNER LANDFILL

	SW01-01	SW02-01	SW03-01	SW04-01	SW05-01	SW06-01	SW07-01	SW07-BK	SW07-BP
PHASE									
CRL LOG NUMBER	B6RA01S54	B6RA01S56	B6RA01S58	B6RA01S60	B6RA01S62	B6RA01S64	B6RA01S66	B6RA01R66	B6RA01D66
TRAFFIC REPORT NUMBER	EH552	EH553	EH554	EH555	EH556	EH557	EH558	EH571	EH559
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/04/86	05/04/86	05/05/86	05/05/86	05/07/86	05/05/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-Trichloroethane	------	------	------	------	------	------	------	0.3 J	------
1,1-Dichloroethane	------	------	------	------	------	------	------	------	------
2-Butanone	8.5 JB	8.2 JB	5.8 JB	7.5 JB	7.8 JB	6.7 JB	7.3 JB	8.5 JB	7.6 JB
4-Methyl-2-Pentanone	------	------	------	------	------	------	------	0.1 JB	------
Acetone	14.4 B	14.3 B	13.6 B	13.7 B	10.2 B	12.4 B	12.0 B	14.0 B	13.2 B
Benzene	------	------	------	------	------	------	------	0.1 J	------
Bromodichloromethane	------	------	------	------	------	------	------	2.3 J	------
Bromoform	------	------	------	------	------	------	------	1.7 J	------
Carbon Disulfide	0.3 J	------	------	------	------	------	------	------	------
Chloroethane	------	------	------	------	------	------	------	------	------
Chloroform	------	------	------	------	------	------	------	3.8 J	------
Dibromochloromethane	------	------	------	------	------	------	------	3.2 J	------
Methylene Chloride	14.2 B	6.2 B	8.3 B	10.8 B	15.4 B	4.5 JB	8.3 B	11.1 B	10.3 B
Toluene	------	------	------	------	0.5 J	------	------	1.4 J	------
Trans-1,2-Dichloroethene	------	------	------	------	------	------	------	------	------

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F6 (cont'd)

SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
SURFACE WATER SAMPLES
SKINNER LANDFILL

	SW15-01	
PHASE		
CRL LOG NUMBER	BARA01575	
TRAFFIC REPORT NUMBER	EN569	
DATE COLLECTED	05/07/86	
UNITS	UG/L	
1,1,1-Trichloroethane	------	
1,1-Dichloroethane	------	
2-Butanone	------	
4-Methyl-2-Pentanone	------	
Acetone	8	JB
Benzene	------	
Bromodichloromethane	------	
Bromoform	------	
Carbon Disulfide	------	
Chloroethane	------	
Chloroform	------	
Dibromochloromethane	------	
Methylene Chloride	7	B
Toluene	------	
Trans-1,2-Dichloroethene	------	

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F7
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
SEDIMENT SAMPLES
SKINNER LANDFILL

	SD01-01	SD02-01	SD03-01	SD03-DP	SD04-01	SD05-01	SD06-01	SD07-01	SD07-DP
PHASE									
CRL LOG NUMBER	B6RA01677	B6RA01678	B6RA01679	B6RA01679	B6RA01580	B6RA01581	B6RA01582	B6RA01583	B6RA01883
TRAFFIC REPORT NUMBER	EH540	EH541	EH542	EH586	EH587	EH588	EH589	EH590	EH591
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/05/86	05/04/86	05/04/86	05/05/86	05/05/86	05/05/86
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
1,1,2,2-Tetrachloroethane	------	------	------	------	------	------	------	------	2.0 J
1,1-Dichloroethane	------	------	------	------	------	------	------	------	------
2-Butanone	17.3 B	14.1 B	14.5 B	20.9 B	------	14.9 B	13.6 JB	------	24.5 B
2-Hexanone	------	------	------	------	------	------	------	------	5.1 J
4-Methyl-2-Pentanone	1.6 J	1.3 J	1.3 J	------	1.1 J	1.0 JB	------	------	4.9 J
Acetone	32.7 B	22.6 B	30.3 B	54.2 B	54.8 B	22.6 B	28.9 B	22.0 B	------
Benzene	------	------	------	------	------	------	------	------	------
Carbon Disulfide	1.2 J	0.9 J	1.4 J	------	0.4 J	1.3 JB	------	0.8 JB	0.6 JB
Ethylbenzene	------	------	------	------	------	------	------	------	------
Methylene Chloride	43.5 B	31.7 B	27.2 B	40.1 B	23.9 B	22.4 B	21.4 B	14.7 B	17.9 B
Toluene	------	------	------	------	------	0.7 JB	0.5 JB	0.5 JB	0.6 JB
Total Xylenes	------	------	------	------	------	------	------	------	------
Trichloroethene	------	------	------	------	------	------	------	------	------

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F8
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUND ANALYSES
SURFACE WATER SAMPLES
SKINNER LANDFILL

	SW01-01	SW02-01	SW03-01	SW04-01	SW05-01	SW06-01	SW07-01	SW07-BK	SW07-DP
PHASE									
CRL LOG NUMBER	B6RA01B54	B6RA01B56	B6RA01B58	B6RA01B60	B6RA01B62	B6RA01B64	B6RA01B66	B6RA01R66	B6RA01B66
TRAFFIC REPORT NUMBER	EH552	EH553	EH554	EH555	EH556	EH557	EH558	EH571	EH558
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/04/86	05/04/86	05/05/86	05/05/86	05/07/86	05/05/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2-Dichlorobenzene	------	------	------	------	------	------	------	------	------
Butylbenzylphthalate	------	------	------	0.1 J	------	------	------	------	------
Di-n-Butylphthalate	0.1 J	------	------	------	0.1 J	------	------	------	------
Di-n-Octylphthalate	------	4.3 J	------	------	------	------	------	------	3.6 J
Phenol	0.9 J	8.9 J	0.6 J	3.2 J	0.5 J	------	------	------	------
bis(2-Chloroethyl)Ether	------	------	------	------	------	------	------	------	------
bis(2-Ethylhexyl)Phthalate	3.4 JB	81.6 B	1.2 JB	11.5 B	2.9 JB	16.8 B	14.0 B	1.9 JB	131.9 B

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F9
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUND ANALYSES
SEDIMENT SAMPLES
SKINNER LANDFILL

	SD01-01	SD02-01	SD03-01	SD03-DP	SD04-01	SD05-01	SD06-01
PHASE	1	1	1	1	1	1	1
CRL LOG NUMBER	86RA01577	86RA01578	86RA01579	86RA01D79	86RA01580	86RA01581	86RA01S
TRAFFIC REPORT NUMBER	EH540	EH541	EH542	EH586	EH587	EH588	EH589
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/05/86	05/04/86	05/04/86	05/05/8
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
2-Methylnaphthalene	5.8 J	4.5 J	—	2.0 J	—	8.7 J	—
4-Methylphenol	1534.2	16.5 J	21.0 J	90.6 J	14.7 J	276.5 J	10.5
Acenaphthene	—	—	—	—	—	51.3 J	—
Acenaphthylene	—	18.4 J	—	—	—	—	—
Anthracene	67.9 J	348.6 J	—	96.4 J	—	90.3 J	—
Benzo(a)Anthracene	363.5 J	258.0 J	—	47.6 J	—	255.2 J	—
Benzo(a)Pyrene	705.7	309.5 J	—	—	—	464.4	8.4
Benzo(b)Fluoranthene	325.6 J	258.5 J	—	36.6 J	—	226.9 J	11.6
Benzo(g,h,i)Perylene	256.6 J	162.9 J	—	—	—	143.5 J	—
Benzo(k)Fluoranthene	338.0 J	198.9 J	—	37.5 J	—	179.4 J	14.6
Butylbenzylphthalate	—	—	—	—	—	51.7 J	—
Chrysene	433.2 J	275.4 J	—	60.2 J	—	276.4 J	—
Di-n-Butylphthalate	153.6 JB	164.0 JB	110.8 JB	104.4 JB	60.1 JB	33.2 JB	35.4
Dibenzo(a,h)Anthracene	—	—	—	—	—	32.7 J	—
Dibenzofuran	—	—	—	—	—	25.1 J	—
Diethylphthalate	35.0 J	42.9 J	51.7 J	33.5 J	28.1 J	29.1 J	21.0
Fluoranthene	796.7	591.5	—	137.0 J	—	606.8	31.3
Fluorene	28.9 J	27.1 J	—	—	—	54.4 J	—
Indeno(1,2,3-cd)Pyrene	211.1 J	147.3 J	—	—	—	124.4 J	—
Isophorone	—	—	—	—	8.2 J	—	114.3
N-Nitrosodiphenylamine	—	—	—	—	—	2.4 J	—
Napthalene	—	—	—	—	—	12.9 J	—
Nitrobenzene	—	—	—	—	—	—	—
Phenanthrene	396.1 J	338.2 J	—	90.5 J	—	443.9	15.1
Phenol	139.7 J	55.0 J	59.6 J	95.5 J	45.6 J	84.4 JB	15.1
Pyrene	721.2	517.9	—	89.0 J	—	461.3	21.7
bis(2-Ethylhexyl)Phthalate	108.4 JB	104.3 JB	73.7 JB	83.9 JB	65.4 JB	394.4 JB	107.6

J = Estimated Value
B = Compound Detected in Lab Blank

TABLE F10
SUMMARY OF PESTICIDE/PCB COMPOUND ANALYSES
SEDIMENT SAMPLES
SKINNER LANDFILL

	SB07-01	SB07-DP	SB09-01	SB10-01	SB13-01
PHASE	1	1	1	1	1
CRL LOG NUMBER	B6RA01683	B6RA01683	B6RA01685	B6RA01686	B6RA01689
TRAFFIC REPORT NUMBER	EH590	EH591	EH593	EH594	EH597
DATE COLLECTED	05/05/86	05/05/86	05/05/86	05/07/86	05/07/86
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Aldrin	------	------	------	------	1.9 J
Aroclor-1260	11.43 J	29.85 J	442.19	------	------
Delta-BHC	------	------	------	0.5 J	------
Dieldrin	------	------	------	------	4.2 J
Endrin Ketone	------	------	------	------	24.1

J = Estimated Value

TABLE F11

SUMMARY OF INORGANIC COMPOUND ANALYSES
SURFACE WATER SAMPLES
SKINNER LANDFILL

	SW01-01	SW02-01	SW03-01	SW04-01	SW05-01	SW06-01	SW07-01	SW07-BK	SW07-DP
PHASE									
CRL LOG NUMBER	B6RA01654	B6RA01656	B6RA01658	B6RA01660	B6RA01662	B6RA01664	B6RA01666	B6RA01R66	B6RA01B66
TRAFFIC REPORT NUMBER	ME3162	ME3163	ME3164	ME3165	ME3166	ME3167	ME3168	ME3182	ME3169
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/04/86	05/04/86	05/05/86	05/05/86	05/07/86	05/05/86
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Aluminum	260	336	111	261	299	128	192	300	182
Arsenic	------	------	------	------	------	------	------	------	------
Barium	113	48	43	47	47	39	40	31	41
Beryllium	------	------	------	------	------	------	------	------	------
Calcium	98900	91300	90300	98800	92400	121000	124000	37800	127000
Chromium	------	12	------	------	------	------	------	------	------
Copper	------	------	------	------	------	------	------	------	------
Iron	59	344	118	246	258	96	187	416	145
Lead	1.3	1.2	------	------	1.4	1.0	------	------	------
Magnesium	28400	31900	31000	29900	28000	22900	22800	18600	22800
Manganese	67	15	7	15	15	35	39	68	40
Mercury	0.3	------	------	------	------	------	------	------	------
Nickel	------	------	------	------	------	------	------	------	------
Potassium	3260	4286	2300	2770	------	2220	3480	------	3410
Silver	------	------	------	------	------	------	------	------	------
Sodium	28100	26700	26200	24500	24900	41100	42800	1630	44400
Tin	------	------	------	------	------	------	41	54	51
Zinc	------	22	------	------	------	------	------	------	------

TABLE F12
SUMMARY OF INORGANIC COMPOUND ANALYSES
SEDIMENT SAMPLES
SKINNER LANDFILL

	SD01-01	SD02-01	SD03-01	SD03-DP	SD04-01	SD05-01	SD06-01	SD07-01	SD07-DP
PHASE	1	1	1	1	1	1	1	1	1
CRL LOG NUMBER	B6RA01577	B6RA01578	B6RA01579	B6RA01579	B6RA01580	B6RA01581	B6RA01582	B6RA01583	B6RA01583
TRAFFIC REPORT NUMBER	MEJ193	MEJ194	MEJ195	MEJ196	MEJ197	MEJ198	MEJ199	MEJ200	MEE977
DATE COLLECTED	05/04/86	05/04/86	05/04/86	05/05/86	05/04/86	05/04/86	05/05/86	05/05/86	05/05/86
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Aluminum	8890	3200	9420	12600	7090	4940	11600	8860	10000
Antimony	46	34	44	46	49	31	------	42	46
Arsenic	------	4.0	8.6	9.0	7.9	7.4	10	8.9	18.2
Barium	143	35.0	62	100	36.0	36	96	97	83
Beryllium	------	------	------	------	------	------	------	------	------
Cadmium	------	------	4	5	------	------	4	------	------
Calcium	77200	242000	121000	47000	128000	123000	22300	65500	52100
Chromium	15	12	17	20	14	9	15	13	14
Cobalt	22	11	17	21	14	13	16	23	22
Copper	18	12	21	21	14	11	20	17	19
Iron	24100	13600	26400	29800	18600	15100	23400	21300	23800
Lead	43	12	14	12	7	12	21	46	66
Magnesium	9020	33200	16800	16500	22700	21000	5050	5050	5990
Manganese	2330	1020	711	899	730	694	803	1800	1400
Nickel	26	16	26	34	22	------	23	24	26
Potassium	------	1350	------	------	------	------	1850	------	------
Sodium	240	250	198	158	177	226	213	245	259
Tin	66	32	35	33	38	------	------	40	52
Vanadium	22	------	18	23	16	14	20	20	18
Zinc	82	29	100	79	46	40	57	76	88

TABLE F13
SUMMARY OF GENERAL TESTS ANALYSES
SURFACE WATER SAMPLES
SKINNER LANDFILL

	SW01-01	SW01-02	SW02-02	SW03-01	SW03-02	SW03-DP	SW04-01	SW04-02	SW05-01
PHASE									
CRL LOG NUMBER	B6RA01554	B6RA01655	B6RA01557	B6RA01658	B6RA01659	B6RA01559	B6RA01660	B6RA01561	B6RA01562
TRAFFIC REPORT NUMBER	2258E-1	2258E-9	2258E-10	2258E-3	2258E-11	2258E-12	2258E-4	2258E-13	2258E-5
DATE COLLECTED	05/04/86	05/08/86	05/08/86	05/04/86	05/08/86	05/08/86	05/04/86	05/08/86	05/04/86
UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
TSS	2.8	12.1	27.3	4.1	25.4	25.2	3.0	31.5	3.6

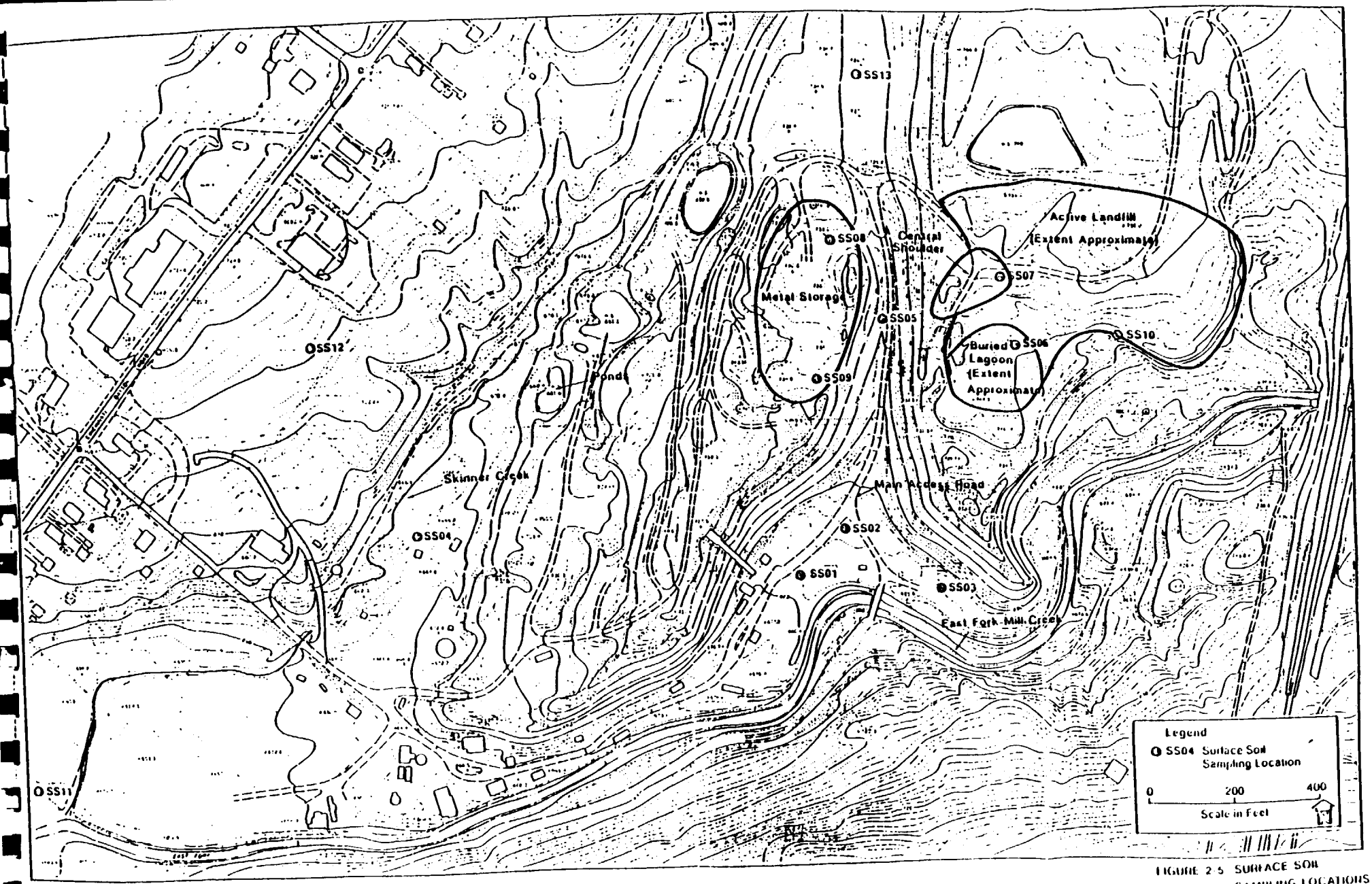


FIGURE 2-5 SURFACE SOIL SAMPLING LOCATIONS

TABLE F14
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSES
SURFACE SOIL SAMPLES
SKINNER LANDFILL

	SS02-01	SS04-01	SS04-02	SS04-DP	SS05-01	SS05-02	SS06-01	SS06-02	SS08-01
PHASE									
CRL LOG NUMBER	B6RA01S04	B6RA01S07	B6RA01S08	B6RA01D08	B6RA01S09	B6RA01S10	B6RA01S11	B6RA01S12	B6RA01S15
TRAFFIC REPORT NUMBER	EH220	EH223	EH224	EH225	EH226	EH501	EH502	EH503	EH506
DATE COLLECTED	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	05/01/86
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
1,1,1-Trichloroethane	------	------	------	------	------	4.9 J	------	------	------
2-Butanone	------	------	31 J	------	------	------	------	------	------
Acetone	13 J	11 J	11 J	8.9 J	9.7 J	------	14	14	------
Benzene	2.2 J	------	------	------	1.0 J	0.72 J	------	------	------
Carbon Disulfide	------	------	------	------	------	------	------	------	------
Methylene Chloride	------	------	------	------	------	6.6 J	------	6.4 J	1.4 J
Tetrachloroethene	------	------	------	------	------	2.1 J	------	------	------
Toluene	0	------	------	------	------	2.6 J	------	3.8 J	------

J = Estimated Value

TABLE F15

SUMMARY OF SEMIVOLATILE ORGANIC COMPOUND ANALYSES
SURFACE SOIL SAMPLES
SKINNER LANDFILL

	SS01-01	SS01-02	SS02-01	SS02-02	SS03-01	SS03-02	SS05-01	SS05-02	SS06-02
PHASE									
CRL LOG NUMBER	B6RA01501	B6RA01502	B6RA01503	B6RA01504	B6RA01505	B6RA01506	B6RA01509	B6RA01510	B6RA01512
TRAFFIC REPORT NUMBER	EH217	EH218	EH219	EH220	EH221	EH222	EH226	EH501	EH503
DATE COLLECTED	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	05/01/86
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Acenaphthylene	------	------	------	------	------	------	940 J	------	------
Anthracene	------	------	------	------	340 J	------	------	------	------
Benzo(a)Anthracene	------	------	------	------	3100	120 J	4340 J	------	------
Benzo(a)Pyrene	------	------	------	------	5600	------	------	------	------
Benzo(b)Fluoranthene	------	------	------	------	4600	220 J	6170 J	550 J	------
Benzo(g,h,i)Perylene	------	------	------	470 J	1700 J	------	------	------	------
Benzo(k)Fluoranthene	760 J	210 J	------	460 J	------	------	------	------	------
Butylbenzylphthalate	------	------	------	------	7000	------	------	------	------
Chrysene	650 J	140 J	------	270 J	4200	170 J	5560 J	500 J	------
Di-n-Butylphthalate	------	------	------	------	------	------	------	------	------
Di-n-Octylphthalate	------	------	------	------	------	------	------	------	------
Fluoranthene	600 J	120 J	1400 J	280 J	4000	------	7900	350 J	------
Hexachlorobenzene	------	------	------	------	------	------	23000 J	------	------
Indeno(1,2,3-cd)Pyrene	------	------	------	320 J	1500 J	------	------	------	------
N-Nitrosodiphenylamine	------	------	------	------	------	------	------	------	------
Phenanthrene	------	------	750 J	------	3100	100 J	4200 J	------	------
Pyrene	630 J	130 J	1260 J	230 J	3600	------	8500	490 J	------
bis(2-Ethylhexyl)Phthalate	------	190 J	------	------	1500 J	------	1740 J	------	160 J

J = Estimated Value

TABLE F16
SUMMARY OF PESTICIDE/PCB COMPOUND ANALYSES
SURFACE SOIL SAMPLES
SKINNER LANDFILL

	SS07-01	SS07-02
PHASE		
CRL LOG NUMBER	BARA01613	BARA01614
TRAFFIC REPORT NUMBER	EH504	EH505
DATE COLLECTED	05/01/86	05/01/86
UNITS	UG/KG	UG/KG
Aroclor-1254	980	980

TABLE F17
SUMMARY OF INORGANIC COMPOUND ANALYSES
SURFACE SOIL SAMPLES
SKINNER LANDFILL

	SS01-01	SS01-02	SS02-01	SS02-02	SS03-01	SS03-02	SS04-01	SS04-02	SS04-DP
PHASE									
CRL LOG NUMBER	B6RA01S01	B6RA01S02	B6RA01S03	B6RA01S04	B6RA01S05	B6RA01S06	B6RA01S07	B6RA01S08	B6RA01D08
TRAFFIC REPORT NUMBER	NEJ101	NEJ102	NEJ103	NEJ104	NEJ105	NEJ106	NEJ107	NEJ108	NEJ109
DATE COLLECTED	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86	04/30/86
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Aluminum	6580	9040	7260	9610	6040	8290	10700	14700	14400
Antimony	------	------	------	------	------	------	------	------	------
Arsenic	------	9.1	6	6.8	------	------	------	------	------
Barium	84	96	125	143	93	101	74	53	53
Beryllium	------	------	------	0.65	------	------	------	0.7	0.89
Cadmium	------	------	------	------	------	------	------	------	------
Calcium	79000	73800	70500	66700	20800	8950	13200	34600	18100
Chromium	12	12	13	13	15	11	15	23	21
Cobalt	7.8	8.9	7.3	12	10	11	12	15	14
Copper	25	19	25	25	22	17	19	25	24
Cyanide	------	------	------	------	------	------	------	------	------
Iron	21300	25200	21300	24900	16900	20200	27300	35800	39400
Lead	86	39	51	43	61	27	19	6.8	7.1
Magnesium	15600	12600	16000	5860	7460	2380	4470	8170	8040
Manganese	1190	1400	2270	2780	856	1570	1090	561	576
Mercury	------	------	------	------	------	------	------	------	------
Nickel	18	22	19	28	17	14	21	31	33
Potassium	1310	1390	1120	1300	868	948	1250	2400	2020
Sodium	1020	903	------	786	------	------	------	753	698
Tin	------	------	------	------	------	------	------	------	------
Vanadium	15	21	15	22	15	16	23	26	24
Zinc	114	79	94	78	196	82	62	76	81

TABLE F17 (cont'd)
SUMMARY OF INORGANIC COMPOUND ANALYSES
SURFACE SOIL SAMPLES
SKINNER LANDFILL

	SS09-01	SS09-02	SS10-01	SS10-02	SS11-01	SS12-01	SS13-01
PHASE	1	1	1	1	1	1	1
CRL LOG NUMBER	BARA01517	BARA01518	BARA01519	BARA01520	BARA01594	BARA01595	BARA01596
TRAFFIC REPORT NUMBER	NEJ119	NEJ120	NEJ121	NEJ122	NEJ987	NEJ988	NEJ989
DATE COLLECTED	05/01/86	05/01/86	05/01/86	05/01/86	05/01/86	05/01/86	05/01/86
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Aluminum	2570	2800	7830	13100	8020	9140	7600
Antimony	------	------	------	------	------	------	------
Arsenic	------	------	11	15	8	8.9	6.7
Barium	9.2	7	197	109	73	112	124
Beryllium	------	------	0.9	------	------	0.66	0.7
Cadmium	------	------	------	------	------	------	------
Calcium	210000	186000	57600	8400	88900	24900	3980
Chromium	11	6.7	13	18	11	14	11
Cobalt	------	4.1	9.7	13	7.4	11	12
Copper	16	12	39	34	23	22	16
Cyanide	------	------	------	------	------	------	------
Iron	10800	12000	61600	39700	21000	23300	17400
Lead	15	11	121	22	31	25	28
Magnesium	45600	40000	3640	4560	19400	3580	1620
Manganese	614	561	1580	1030	1020	1040	2090
Mercury	------	------	------	------	------	------	------
Nickel	10	7.9	17	30	16	16	12
Potassium	671	634	1180	1660	1650	1420	1120
Sodium	1990	1890	698	804	936	------	439
Tin	------	------	------	------	------	------	------
Vanadium	8	8	20	29	18	23	21
Zinc	108	47	329	92	116	66	63

Phase I
Round III Sampling
Conducted in 1986

WESTON
DESIGNERS CONSULTANTS
100 CORPORATE NORTH, STE. 101
BANNOCKBURN, ILLINOIS 60015
312-295-6020

LETTER OF TRANSMITTAL

DATE 1/26/89 | JOB NO. 130-RI1-RIRPT

ATTENTION Mr. Fred Bartman

RE Skinner RI/FS R3.

TO U.S. Environmental Protection Agency
230 S. Dearborn Street
Chicago, IL. 60604

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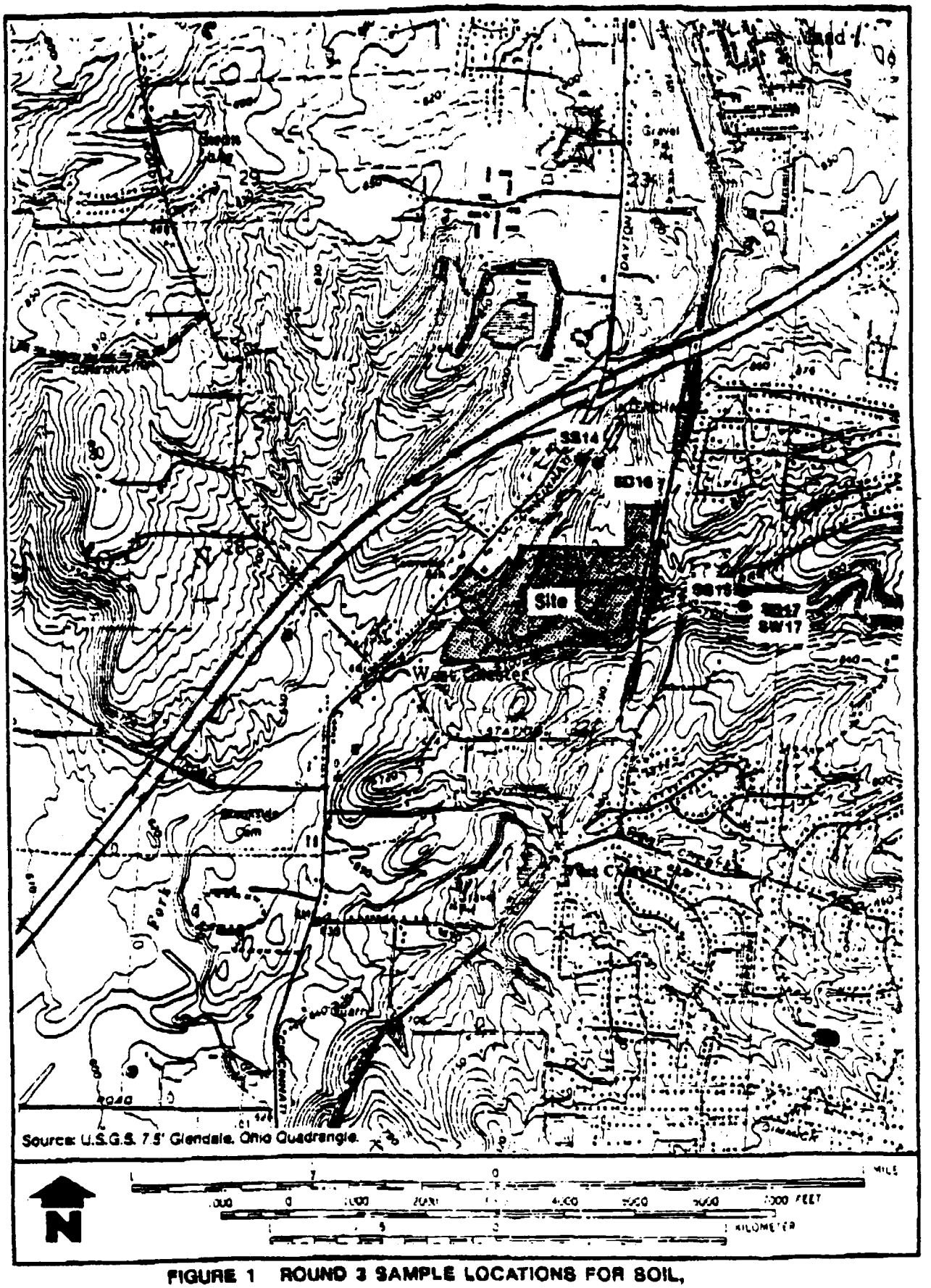

FIGURE 1 ROUND 3 SAMPLE LOCATIONS FOR SOIL, SEDIMENT AND SURFACE WATERS SKINNER LANDFILL SITE

TABLE
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-03	GW07-03	GW07-03MX	GW07-DP	GW09-03	GW10-03	GW11-03	GW12-03	GW14-03	GW15-03	GW15-BK
PHASE	3	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S09	87RA02S10	87RA02S10	87RA02D10	87RA02S12	87RA02S13	87RA02S14	87RA02S15	87RA02S17	87RA02S18	87RA02R18
TRAFFIC REPORT NUMBER	EN228	EN229	EN230	EN231	EN283	EN284	EN285	EN286	EN288	EN289	EN290
DATE COLLECTED	7/28/87	7/27/87	7/27/87	7/27/87	7/28/87	7/27/87	7/27/87	7/28/87	7/29/87	7/29/87	7/28/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	---	---	---	---	---	---	---	---	---	---	6
1,2-DICHLOROETHANE	---	---	---	---	---	---	---	---	---	---	---
2-BUTANONE	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	30 J/R
2-HEXANONE	---	---	---	---	---	---	---	---	---	---	---
ACETONE	10 J	10 J	1 JB	10 J	10 J	2 J	10 J	10 J	6 J	6 J	38 J
BENZENE	---	---	---	---	---	---	---	---	---	---	---
BROMOFORM	5 J	5 J	5 J	5 J	5 J	5 J	5 J	5 J	---	---	5 J
CARBON TETRACHLORIDE	---	---	---	---	---	---	---	---	3 J	---	---
CHLOROBENZENE	---	---	---	---	---	---	2 J	2 J	---	---	1 J
CHLOROMETHANE	10 J	10 J	10 J	10 J	10 J	10 J	10 J	10 J	---	---	10 J
ETHYLBENZENE	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE	---	---	---	---	---	---	---	---	4 J	4 J	5 J
TETRACHLOROETHENE	---	---	---	---	---	---	---	---	5 J	5 J	---
TOLUENE	---	---	---	---	---	1 J	2 J	1 J	---	1 J	5
TOTAL XYLENES	---	---	---	---	---	---	---	---	---	---	---
TRANS-1,2-DICHLOROETHENE	---	10	10	10	---	---	---	---	---	---	---

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection

TABLE (Cont.)
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW16-03	GW16-DP	GW17-03	GW18-03	GW18-BK	GW19-03	GW20-03	GW21-03	GW22-03	GW23-03
PHASE	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S19	87RA02D19	87RA02S20	87RA02S21	87RA02R21	87RA02S22	87RA02S23	87RA02S24	87RA02S25	87RA02S26
TRAFFIC REPORT NUMBER	EN291	EN292	EN293	EN294	EN295	EN296	EN297	EN298	EN299	EN300
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/28/87	7/28/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.50
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	1 J	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	---	---	---	---	---	---	---	---	4500	---
2-BUTANONE	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	10 J/R	170 J/R	10 J/R	1000 J/R	10 J/R
2-HEXANONE	---	---	---	---	---	---	---	---	740 J	---
ACETONE	2 J	---	---	---	17	---	920	10 J	4800	---
BENZENE	---	---	---	---	---	---	400	4 J	20000	---
BROMOFORM	---	---	---	---	---	---	---	5 J	---	---
CHLOROBENZENE	3 J	2 J	---	---	---	---	26 J	8	140 J	---
CHLOROMETHANE	---	---	---	---	---	---	---	10 J	---	---
ETHYLBENZENE	---	---	---	---	---	---	52 J	---	100 J	---
METHYLENE CHLORIDE	4 J	10 J	15 J	3 J	4 J	3 J	170 J	3 J	2200 J	6 J
TETRACHLOROETHENE	5 J	---	---	---	---	---	---	---	---	---
TOLUENE	---	---	---	---	---	---	3100	2 J	530	---
TOTAL XYLENES	---	---	---	---	---	---	100	---	300 J	---
TRANS-1,2-DICHLOROETHENE	---	---	---	---	---	---	31 J	---	---	---

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection

TABLE
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-03	GW07-03	GW07-03MX	GW07-DP	GW09-03	GW10-03	GW11-03	GW12-03	GW14-03	GW15-03	GW15-BK
PHASE	3	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S09	87RA02S10	87RA02S10	87RA02D10	87RA02S12	87RA02S13	87RA02S14	87RA02S15	87RA02S17	87RA02S19	87RA02R1
TRAFFIC REPORT NUMBER	EN228	EN229	EN230	EN231	EN283	EN284	EN285	EN286	EN288	EN289	EN290
DATE COLLECTED	7/28/87	7/27/87	7/27/87	7/27/87	7/28/87	7/27/87	7/27/87	7/28/87	7/29/87	7/29/87	7/28/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,4-DICHLOROBENZENE	---	---	---	---	---	---	---	---	---	---	---
2,4-DINITROPHENOL	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J
2,4-DINITROTOLUENE	---	---	---	---	---	---	---	---	---	---	---
2-METHYLPHENOL	---	---	---	---	---	---	---	---	---	---	---
4,6-DINITRO-2-METHYLPHENOL	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J
4-METHYLPHENOL	---	---	---	---	---	---	---	---	---	---	---
4-NITROPHENOL	---	---	---	---	---	---	---	---	---	---	---
BENZOIC ACID	50 J	50 J	50 J	50 J	---	---	50 J	50 J	---	---	50 J
BENZYL ALCOHOL	---	---	---	---	---	---	---	---	---	---	---
BIS(2-CHLOROETHYL)ETHER	---	---	---	---	---	17	---	---	---	---	---
BIS(2-ETHYLHEXYL)PHTHALATE	---	---	---	3 J	---	2 J	---	---	---	---	---
DIMETHYL PHTHALATE	---	---	---	---	---	---	---	---	---	---	---
DI-N-BUTYLPHTHALATE	---	---	---	---	---	---	---	---	---	---	---
HEXACHLOROCYCLOPENTADIENE	10 J	10 J	10 J	10 J	10 J	---	10 J	10 J	10 J	---	10 J
ISOPHRONE	---	---	---	---	---	---	---	---	---	---	---
NAPHTHALENE	---	---	---	---	---	---	---	---	---	---	---
PHENOL	---	---	---	---	---	---	---	---	---	---	---

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection

TABLE (Cont.)
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW16-03	GW16-DP	GW17-03	GW18-03	GW18-BK	GW19-03	GW20-03	GW21-03	GW22-03	GW23-03
PHASE	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S19	87RA02D19	87RA02S20	87RA02S21	87RA02R21	87RA02S22	87RA02S23	87RA02S24	87RA02S25	87RA02S26
TRAFFIC REPORT NUMBER	EN291	EN292	EN293	EN294	EN295	EN296	EN297	EN298	EN299	EN300
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/28/87	7/28/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.50
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,4-DICHLOROBENZENE	---	---	7 J	3 J	---	---	3 J	---	---	---
2,4-DINITROPHENOL	50 J	50 J	50 J	50 J	50 J	50 J	50 J	---	---	100 J
2,4-DINITROTOLUENE	---	---	---	---	---	---	---	10 J	---	---
2-METHYLPHENOL	---	---	---	---	---	---	---	---	450	---
4,6-DINITRO-2-METHYLPHENOL	50 J	50 J	50 J	50 J	50 J	50 J	50 J	50 J	500 J	100 J
4-METHYLPHENOL	---	---	---	---	---	---	---	---	350	---
4-NITROPHENOL	---	---	---	---	---	---	---	---	500 J	---
BENZOIC ACID	---	50 J	---	---	50 J	---	---	---	---	---
BENZYL ALCOHOL	---	---	---	---	---	---	9 J	---	---	---
BIS(2-CHLOROETHYL)ETHER	---	---	---	---	---	---	240	---	---	---
BIS(2-ETHYLHEXYL)PHTHALATE	---	---	---	---	---	---	---	---	---	---
DIMETHYL PHTHALATE	---	---	---	---	---	---	---	---	24 J	---
DI-N-BUTYLPHTHALATE	---	---	---	---	---	---	---	---	---	5 J
HEXACHLOROCYCLOPENTADIENE	---	10 J	---	---	10 J	10 J	---	10 J	100 J	20 J
ISOPHRONE	---	---	---	---	---	---	---	---	91 J	---
NAPHTHALENE	---	---	9 J	---	---	---	64	---	---	---
PHENOL	---	---	---	---	---	---	---	---	670	---

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection

TABLE
SUMMARY OF PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-03	GW07-03	GW07-03MX	GW07-DP	GW09-03	GW10-03	GW11-03	GW12-03	GW14-03	GW15-03	GW15-BK
PHASE	3	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S09	87RA02S10	87RA02S10	87RA02D10	87RA02S12	87RA02S13	87RA02S14	87RA02S15	87RA02S17	87RA02S19	87RA02R18
TRAFFIC REPORT NUMBER	EN228	EN229	EN230	EN231	EN283	EN284	EN285	EN286	EN288	EN289	EN290
DATE COLLECTED	7/28/87	7/27/87	7/27/87	7/27/87	7/28/87	7/27/87	7/27/87	7/28/87	7/29/87	7/29/87	7/28/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Alpha-BHC	---	---	---	---	---	---	---	---	---	---	---
Beta-BHC	---	---	---	---	---	---	---	---	---	---	---
Delta-BHC	---	---	---	---	---	---	---	---	---	---	---
Gamma-BHC	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	---	---	---	---	---	---	---	---	---	---	---
Aldrin	---	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	---	---	---	---	---	---	---	---	---	---	---
Endosulfan I	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	---	---	---	---	---	---	---	---	---	---	---
Endrin	---	---	---	---	---	---	---	---	---	---	---
Endosulfan II	---	---	---	---	---	---	---	---	---	---	---
4,4-DDD	---	---	---	---	---	---	---	---	---	---	---
Endrin Aldehyde	---	---	---	---	---	---	---	---	---	---	---
Endosulfan Sulfate	---	---	---	---	---	---	---	---	---	---	---
4,4-DDT	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	---	---	---	---	---	---	---	---	---	---	---
Endrin Ketone	---	---	---	---	---	---	---	---	---	---	---
Chlordane	---	---	---	---	---	---	---	---	---	---	---
Toxaphene	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1016	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1221	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1232	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1242	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1248	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1254	---	---	---	---	---	---	---	---	---	---	---
AROCLOR-1260	---	---	---	---	---	---	---	---	---	---	---

--- = No Detection

TABLE (Cont.)
SUMMARY OF PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW16-03	GW16-DP	GW17-03	GW18-03	GW18-BK	GW19-03	GW20-03	GW21-03	GW22-03	GW23-03
PHASE	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	B7RA02S19	B7RA02D19	B7RA02S20	B7RA02S21	B7RA02R21	B7RA02S22	B7RA02S23	B7RA02S24	B7RA02S25	B7RA02S26
TRAFFIC REPORT NUMBER	EN291	EN292	EN293	EN294	EN295	EN296	EN297	EN298	EN299	EN300
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/28/87	7/28/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.50
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Alpha-BHC	---	---	---	---	---	---	---	---	---	---
Beta-BHC	---	---	---	---	---	---	---	---	---	---
Delta-BHC	---	---	---	---	---	---	---	---	---	---
Gamma-BHC	---	---	---	---	---	---	---	---	---	---
Heptachlor	---	---	---	---	---	---	---	---	---	---
Aldrin	---	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	---	---	---	---	---	---	---	---	---	---
Endosulfan I	---	---	---	---	---	---	---	---	---	---
Dieldrin	---	---	---	---	---	---	---	---	---	---
4,4-DDE	---	---	---	---	---	---	---	---	---	---
Endrin	---	---	---	---	---	---	---	---	---	---
Endosulfan II	---	---	---	---	---	---	---	---	---	---
4,4-DDD	---	---	---	---	---	---	---	---	---	---
Endrin Aldehyde	---	---	---	---	---	---	---	---	---	---
Endosulfan Sulfate	---	---	---	---	---	---	---	---	---	---
4,4-DDT	---	---	---	---	---	---	---	---	---	---
Methoxychlor	---	---	---	---	---	---	---	---	---	---
Endrin Ketone	---	---	---	---	---	---	---	---	---	---
Chlordane	---	---	---	---	---	---	---	---	---	---
Toxaphene	---	---	---	---	---	---	---	---	---	---
AROCLOR-1016	---	---	---	---	---	---	---	---	---	---
AROCLOR-1221	---	---	---	---	---	---	---	---	---	---
AROCLOR-1232	---	---	---	---	---	---	---	---	---	---
AROCLOR-1242	---	---	---	---	---	---	---	---	---	---
AROCLOR-1248	---	---	---	---	---	---	---	---	---	---
AROCLOR-1254	---	---	---	---	---	---	---	---	---	---
AROCLOR-1260	---	---	---	---	---	---	---	---	---	---

--- = No Detection

TABLE
SUMMARY OF SAS PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW06-03	GW07-03	GW07-03MX	GW09-03	GW10-03	GW11-03	GW12-03	GW14-03	GW15-03	GW15-BK
PHASE	3	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S09	87RA02S10	87RA02S10	87RA02S12	87RA02S13	87RA02S14	87RA02S15	87RA02S17	87RA02S18	87RA02R18
TRAFFIC REPORT NUMBER	EN228	EN229	EN230	EN283	EN284	EN285	EN286	EN288	EN289	EN290
DATE COLLECTED	7/28/87	7/27/87	7/27/87	7/28/87	7/27/87	7/27/87	7/28/87	7/29/87	7/29/87	7/28/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Hexachlorobenzene	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	---	---	---
Hexachloronorboradiene	---	---	---	---	---	---	---	---	---	---
Octachlorocyclopentene	---	---	---	---	---	---	---	---	---	---
Heptachloronorborene	---	---	---	---	---	---	---	---	---	---
Alpha-Chlordene	---	---	---	---	---	---	---	---	---	---
Beta-Chlordene	---	---	---	---	---	---	---	---	---	---
Gamma-Chlordene	---	---	---	---	---	---	---	---	---	---

--- = Not Detected

TABLE (Cont.)
SUMMARY OF SAS PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
GROUNDWATER SAMPLES
SKINNER LANDFILL

	GW16-03	GW16-DP	GW17-03	GW18-03	GW18-BK	GW19-03	GW20-03	GW21-03	GW22-03
PHASE	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	B7RA02S19	B7RA02D19	B7RA02S20	B7RA02S21	B7RA02R21	B7RA02S22	B7RA02S23	B7RA02S24	B7RA02S25
TRAFFIC REPORT NUMBER	EN291	EN292	EN293	EN294	EN295	EN296	EN297	EN298	EN299
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/28/87	7/28/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.10
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Hexachlorobenzene	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	---	---
Hexachloronorboradiene	---	---	---	---	---	---	---	---	---
Octachlorocyclopentene	---	---	---	---	---	---	---	---	---
Heptachloronorborene	---	---	---	---	---	---	---	---	---
Alpha-Chlordene	---	---	---	---	---	---	---	---	---
Beta-Chlordene	---	---	---	---	---	---	---	---	---
Gamma-Chlordene	---	---	---	---	---	---	---	---	---

--- = Not Detected

TABLE
SUMMARY OF INORGANIC AND CYANIDE COMPUND ANALYSIS
GROUNDWATER AND SURFACE WATER SAMPLES
SKINNER LANDFILL

	GW07-03	GW07-0P	GW12-03	GW15-03	GW15-8K	GW20-03	SW17-01
PHASE	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S10	87RA02D10	87RA02S15	87RA02S18	87RA02R18	87RA02S23	87RA02S08
TRAFFIC REPORT NUMBER	MEN037	MEN039	MEN040	MEN041	MEN042	MEN043	MEN038
DATE COLLECTED	7/27/87	7/27/87	7/28/87	7/29/87	7/28/87	7/28/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Aluminum	96 J	23 J	20 J	---	19 J	---	502
Antimony	---	---	---	---	---	---	---
Arsenic	---	---	---	---	---	48	---
Barium	101 J	97 J	73 J	85 J	---	597	46 J
Beryllium	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---
Calcium	13600	133000	239000	164000	232 J	195000	69200
Chromium	---	---	---	---	---	---	---
Cobalt	---	---	9.3 J				
Copper	6.2 J	8.3 J	10 J	6.9 J	---	---	7 J
Iron	49 J	---	35 J	26 J	---	31600	872
Lead	---	---	---	---	---	---	---
Magnesium	22000	20900	83100	33800	---	51600	20100
Manganese	484	466	3490	2280	---	1150	35
Mercury	---	---	---	---	---	---	---
Nickel	---	---	38 J	8.7 J	---	20 J	---
Potassium	1610 J	1350	34700	8410	---	41500	3920 J
Selenium	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---
Sodium	29600	30000	158000	76400	---	81200	19400
Thallium	---	---	---	---	---	---	---
Tin	---	---	---	---	---	---	---
Vanadium	---	---	---	---	---	---	---
Zinc	25	22	10 J	5.4 J	3.9 J	12 J	7.2 J
Cyanide	---	---	---	---	---	---	---

J = Estimated Value
--- = Not Detected
GW = Groundwater
SW = Surface Water

TABLE
SUMMARY OF VOLATILE ORGANIC COMPOUND ANALYSIS
SOIL AND SURFACE WATER SAMPLES
SKINNER LANDFILL

	SS14-01	SS14-DP	SS14-02	SS15-01	SS15-01	SS15-02	SD16-01	SD17-01	SW17-01
PHASE	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S01	87RA02D01	87RA02S02	87RA02S03	87RA02S03	87RA02S04	87RA02S05	87RA02S06	87RA02S08
TRAFFIC REPORT NUMBER	EM077	EM078	EM079	EM080	EM081	EN223	EN224	EN225	EN227
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
CHLOROMETHANE	12 J	12 J	12 J	14 J	14 J	13 J	13 J	11 J	---
METHYLENE CHLORIDE	4 J	5 J	7 J	6 J	5 J	7 J	9 J	7 J	5 J
2-BUTANONE	12 J/R	12 J/R	12 J/R	14 J/R	14 J/R	13 J/R	13 J/R	11 J/R	10 J/R
1,1,1-TRICHLOROETHANE	23	9	---	25	24	---	10	---	---
4-METHYL-2-PENTANONE	12 J	12 J	---	14 J	14 J	---	---	---	---
TOLUENE	17	12	39	---	---	3 J	---	---	---
TETRACHLOROETHENE	---	---	---	---	---	---	---	---	5 J
ACETONE	---	---	---	---	---	---	---	---	4 J

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection
SS = Surface Soil
SD = Sediment
SW = Surface Water

TABLE
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS
SOIL AND SURFACE WATER SAMPLES
SKINNER LANDFILL

	SS14-01	SS14-DP	SS14-02	SS15-01	SS15-01	SS15-02	SD16-01	SD17-01	SW17-01
PHASE	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S01	87RA02D01	87RA02S02	87RA02S03	87RA02S03	87RA02S04	87RA02S05	87RA02S06	87RA02S08
TRAFFIC REPORT NUMBER	EN077	EN078	EN079	EN080	EN081	EN223	EN224	EN225	EN227
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
BENZOIC ACID	2900 J	3000 J	2900 J	3400 J	3400 J	3000 J	3200 J	2700 J	---
HEXACHLOROCYCLOPENTADIENE	590 J	620 J	590 J	710 J	690 J	620 J	660 J	560 J	10 J
2-NITROANILINE	2900 J	3000 J	2900 J	3400 J	3400 J	3000 J	3200 J	2700 J	---
BUTYLBENZYLPHTHALATE	73 J	620 J	590 J	710 J	690 J	620 J	660 J	560 J	---
BIS(2-ETHYLHEXYL)PHTHALATE	590 J	620 J	590 J	200 J	690 J	620 J	660 J	560 J	---
INDENO(1,2,3-CD)PYRENE	590 J	620 J	590 J	710 J	690 J	620 J	660 J	560 J	---
DIBENZ(a,h)ANTRACENE	590 J	620 J	590 J	710 J	690 J	620 J	660 J	560 J	---
BENZO(g,h,i)PERYLENE	590 J	620 J	590 J	710 J	690 J	620 J	660 J	560 J	---
2,4-DINITROPHENOL	---	---	---	---	---	---	---	---	50 J
4,6-DINITRO-2-METHYLPHENOL	---	---	---	---	---	---	---	---	50 J

J = Material Analyzed For, But Not Detected. Estimated Quantitation Limit.
R = Data Unusable, Resampling and Reanalysis Necessary for Verification
--- = No Detection
SS = Surface Soil
SD = Sediment
SW = Surface Water

TABLE
SUMMARY OF PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
SOIL AND SURFACE WATER SAMPLES
SKINNER LANDFILL

	SS14-01	SS14-DP	SS14-02	SS15-01	SS15-01	SS15-02	SD16-01	SD17-01	SW17-01
PHASE	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	B7RA02S01	B7RA02D01	B7RA02S02	B7RA02S03	B7RA02S03	B7RA02S04	B7RA02S05	B7RA02S06	B7RA02S08
TRAFFIC REPORT NUMBER	EN077	EN078	EN079	EN080	EN081	EN223	EN224	EN225	EN227
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Alpha-BHC	---	---	---	---	---	---	---	---	---
Beta-BHC	---	---	---	---	---	---	---	---	---
Delta-BHC	---	---	---	---	---	---	---	---	---
Gamma-BHC	---	---	---	---	---	---	---	---	---
Heptachlor	---	---	---	---	---	---	---	---	---
Aldrin	---	---	---	---	---	---	---	---	---
Heptachlor Epoxide	---	---	---	---	---	---	---	---	---
Endosulfan I	---	---	---	---	---	---	---	---	---
Dieldrin	---	---	---	---	---	---	---	---	---
4,4-DDE	---	---	---	---	---	---	---	---	---
Endrin	---	---	---	---	---	---	---	---	---
Endosulfan II	---	---	---	---	---	---	---	---	---
4,4-DDD	---	---	---	---	---	---	---	---	---
Endrin Aldehyde	---	---	---	---	---	---	---	---	---
Endosulfan Sulfate	---	---	---	---	---	---	---	---	---
4,4-DDT	---	---	---	---	---	---	---	---	---
Methoxychlor	---	---	---	---	---	---	---	---	---
Endrin Ketone	---	---	---	---	---	---	---	---	---
Chlordane	---	---	---	---	---	---	---	---	---
Toxaphene	---	---	---	---	---	---	---	---	---
AROCLOR-1016	---	---	---	---	---	---	---	---	---
AROCLOR-1221	---	---	---	---	---	---	---	---	---
AROCLOR-1232	---	---	---	---	---	---	---	---	---
AROCLOR-1242	---	---	---	---	---	---	---	---	---
AROCLOR-1248	---	---	---	---	---	---	---	---	---
AROCLOR-1254	---	---	---	---	---	---	---	---	---
AROCLOR-1260	---	---	---	---	---	---	---	---	---

--- = No Detection SD = Sediment
SS = Surface Soil SW = Surface Water

TABLE
SUMMARY OF SAS PESTICIDE/PCBs ORGANIC COMPOUND ANALYSIS
SOIL AND SURFACE WATER SAMPLES
SKINNER LANDFILL

	SS14-01	SS14-DP	SS14-02	SS15-01	SS15-01	SS15-02	SD16-01	SD17-01	SW17-01
PHASE	3	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S01	87RA02D01	87RA02S02	87RA02S03	87RA02S03	87RA02S04	87RA02S05	87RA02S06	87RA02S08
TRAFFIC REPORT NUMBER	EM077	EM078	EM079	EM080	EM081	EN223	EN224	EN225	EN227
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Hexachlorobenzene	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	---	---
Hexachloronorboradiene	---	---	---	---	---	---	---	---	---
Octachlorocyclopentene	---	---	---	---	---	---	---	---	---
Heptachloronorborene	---	---	---	---	---	---	---	---	---
Alpha-Chlordene	---	---	---	---	---	---	---	---	---
Beta-Chlordene	---	---	---	---	---	---	---	---	---
Gamma-Chlordene	---	---	---	---	---	---	---	---	---

--- = No Detection
SS = Surface Soil
SD = Sediment
SW = Surface Water

TABLE
SUMMARY OF INORGANIC AND CYANIDE COMPOUND ANALYSIS
SEDIMENT SAMPLES
SKINNER LANDFILL

	SS14-01	SS14-02	SS14-DP	SS15-01	SS15-01	SS15-02	SD16-01	SD17-01
PHASE	3	3	3	3	3	3	3	3
CRL LOG NUMBER	87RA02S01	87RA02S02	87RA02D01	87RA02S03	87RA02S03	87RA02S04	87RA02S05	87RA02S06
TRAFFIC REPORT NUMBER	MEN792	MEN794	MEN793	MEN795	MEN796	MEN797	MEN798	MEN799
DATE COLLECTED	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87	7/29/87
CONC/DIL FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Aluminum	9320	11700	9350	9790	10400	9510	8070	5960
Antimony	---	---	---	---	---	---	---	---
Arsenic	6.8	11	8.8	8.1	9.3	8	8.8	9
Barium	111 J	116	101 J	101 J	106 J	172	93 J	327
Beryllium	0.83 J	0.94 J	0.84 J	0.8 J	---	0.87	---	0.65 J
Cadmium	---	---	---	---	---	---	---	---
Calcium	15200	15500	13900	27400	23300	36900	61600	109000
Chromium	15	17	14	15	16	14	13	10
Cobalt	8.6 J	12 J	9.8 J	9.8 J	9.2 J	12 J	11 J	10 J
Copper	17	19	17	24	22	18	19	14
Iron	23100	25700	21500	23800	24800	24300	21500	23900
Lead	25	18	29	39	42	27	32	13
Magnesium	2790 J	3300	2830	3890	3740	3170	6040	14900
Manganese	1420	1390	1280	1630	1670	2570	1810	3310
Mercury	---	---	0.14	---	0.23	---	---	10
Nickel	21 J	25	22 J	22 J	23 J	24 J	22 J	26
Potassium	1020 J	1170 J	1100 J	1820	1720 J	1460 J	1090 J	740 J
Selenium	---	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---	---
Sodium	29600	698 J	---	---	---	---	---	---
Thallium	---	---	---	---	---	---	---	---
Tin	---	---	---	---	---	---	---	---
Vanadium	22 J	26 J	21 J	24 J	24 J	24 J	20 J	23 J
Zinc	65	65	69	90	89	63	109	52
Cyanide	---	---	---	---	---	---	---	---
Percent Solids	85	87	84	74	73	81	74	90

J = Estimated Value
--- = Not Detected
SS = Surface Soil
SD = Sediment
SW = Surface Water

Phase II Sampling
Conducted in 1990

CLP Qualifier Explanation

CLP QUALIFIERS

WHAT DO THEY MEAN?

1. INTRODUCTION

Data qualifiers are used in the Contract Laboratory Program (CLP) to flag values that may have been impacted by problems encountered during sampling or analysis. The goal of the CLP program is to produce perfect data that can be used for a variety of purposes and stand up to rigorous legal analysis. While the goal of perfection is admirable, a large amount of environmental laboratory data does not meet all the CLP criteria and becomes qualified. The data may however be useful to the needs of the project, even if it is qualified.

A CLP data package, as delivered to ARCS contractors, consists of an analytical data summary from the laboratory, a Case Narrative describing problems encountered during analysis, and review comments generated during validation by an independent individual under contract or employed by EPA. Data qualifiers are added in the case narrative from the laboratory and/or the EPA review. Remember, the goal of the reviewer is to flag data that is not perfect. It is then up to the ARCS project manager to determine if the qualifiers affect the data usage. The following example will illustrate this point:

Example 1: A data point for lead analysis is qualified for calibration problems. The concentration was 50 ug/l. The data point was qualified because the continuing calibration was $\pm$ 12% and the CLP limit was $\pm$ 10%.

If the project involves the determination of drinking water suitability and the standard is 50 ug/l, the problem with calibration is sufficient to question the true value as being above or below the standard. The result is good with respect to showing the data point is near or at the drinking water standard.

If the project involves a feasibility study or an initial site investigation where a range of 45-55 ug/l is acceptable, the data point is good.

The above example illustrates that qualifiers are added to show deviation from perfection (CLP limits) only. The reviewer that qualified the data does not know its ultimate use, only that it did not meet the contract limits. The ARCS project manager must then determine if the data meets the objectives of the project.

CLP qualifiers can be divided into three groups:

1. Field related qualifiers due to sampling artifacts, variation in technique, or blank problems.

2. Sample related qualifiers due to interferences or matrix effects.

3. Laboratory related qualifiers due to holding times, calibration, blanks, and method problem.

This guide will discuss CLP qualifiers as they relate to the above groups. A general section on CLP qualifiers is also included. Most of the qualifiers are assigned because of technicalities and may require a chemist to interpret their significance.

2. FIELD RELATED QUALIFIERS

Data qualifiers from problems with field activities relate to blank contamination and variations in sampling technique. ARCS projects require the collection of field blanks and field duplicates to document that sampling equipment is properly cleaned and that the results can be reproduced from a field collection standpoint.

Common qualifiers related to field problems are:

"B" Compound found in blank. Result may be influenced by contamination originating in sampling.

"J" Concentration estimated due to poor precision between field duplicates.

"R" Data unusable due to gross field contamination or large differences in field duplicates.

A small amount of contamination in the field blank will not affect samples with concentrations exceeding the blank by 20X. A positive field blank will however destroy the validity of low level samples. Poor precision in the field duplicate may indicate a sample matrix that is not homogeneous or problem with technique. The magnitude of these differences and the concentrations must be considered before impact can be determined. For example a 2X difference in field duplicates is not critical in the range of 5-10 ug/l. The same 2X difference is very critical in the 50-500 ug/l range.

3. LABORATORY RELATED QUALIFIERS

The CLP statement of work requires strict criteria to be met for calibration and method performance, and blanks. Calibration must be performed at the beginning of a run and periodically throughout the day. The contract specifies that initial and continuing calibrations must agree with a certain window (i.e. $\pm$ 10%). When a laboratory is analyzing GC/MS or GC scans, it may elect not to recalibrate when only one or two compounds in a 40 compound scan falls slightly out of calibration. Typical qualifiers in this situation are as follows:

"J" Concentration estimated due to initial or continuing calibration compounds outside of contract limits (often called SPCC compounds).

"UJ" Detection limit for a non detectable sample is estimated as above.

"R" Concentration unusable due to problems with calibration.

Most data qualified "J" or "UJ" for value of calibration criteria is usable for many purposes. When extreme precision is required however, the data is not valid.

Performance related criteria relate to the analysis of method spikes and duplicate samples. Duplicates are two samples prepared in the laboratory from the same sample bottle. Method spikes are laboratory samples prepared from distilled water or clean sand that demonstrate the method is valid. When duplicate samples do not agree or the laboratory does not recover compounds added to method spikes, the data is qualified by the reviewer. Typical examples of these qualifiers are as follows:

"J" Concentration estimated because duplicates are not within contract limits.

"J" Concentration estimated due to poor recovery in the method spike.

"UJ" Detection limit estimated as above.

Again, most of the data is usable, except when high precision is required.

The use of dilutions can also result in qualified data when compounds exceed the calibration range or when the detection limit is elevated. Typical qualifiers are as follows:

"E" Concentration estimated because calibration range has been exceeded.

"R" Detection limit not valid due to dilution.

Data flagged "E" can be used only for relative purposes to show a greater than concentration. It cannot be used as an exact number. Data flagged "R" must be analyzed by another method if a lower detection limit is required.

Contamination in laboratory blanks will result in a "B" flag. This flag will not impact non detectable data. It does however invalidate data up to 10X the blank concentration. For example, if a blank concentration of 2 ug/l for methylene chloride is obtained, then all positive results less than 20 ug/l are not valid.

Holding time violations often result in an "R" qualifier since the quantity of compound in a sample is no longer representative. While the data cannot be used and should be resampled, one should remember the concentration does not go to zero the day after the holding time expires. The data can be readily used for information purposes concerning the site when only 1-2 days have passed beyond the holding time.

4. SAMPLE RELATED QUALIFIERS

The samples themselves can cause qualified data when the matrix presents interferences or results in poor recovery. As discussed in the previous section, the laboratory must demonstrate proper performance with respect to calibration blanks, and method samples. When all of the criteria are met and the sample data does not comply with contract limits, the result is qualified due to matrix effects. Typical qualifiers are as follows:

"J" Concentration estimated due to surrogate recovery not meeting contract specifications.

"J" Calibration estimated due to spiked recovery not meeting contract specifications.

"UJ" Detection limit estimated due to the above reasons.

"R" Data not usable due to because of sample matrix problem.

Samples with low recoveries should be evaluated as having the potential to contain more of the affected compound than shown by the result. A SAS request with an alternate method should be used when more accuracy is required. Analysis by another laboratory will not correct a matrix problem.

5. CLP QUALIFIERS

The preceding discussion illustrates many of the CLP qualifiers and how they are used. The qualifiers can have different meanings depending on the situation resulting in their use. There are additional qualifiers designed for specific situations. These qualifiers are presented below as related to inorganic and organic data.

INORGANIC QUALIFIERS

"E" Concentration estimated because of interference.

"M" Duplicate injection precision not within contract specifications.

"N" Spiked sample recovery not within control limits.

"S" Reported value determined by Methods of Standard Addition (MSA).

"+" Correlation coefficient for MSA less than 0.995.

"W" Recovery of a sample spiked after digestion is outside of contract limits.

"*" Duplicate analysis not within contract limits.

The qualifiers "M" and "*" are laboratory related and indicate problems in technique. The remaining qualifiers are related to sample matrix. The "S" qualifier does not impact the data. It denotes analysis by MSA where the sample is spiked with three levels of concentration and result is determined by statistical analysis of the data. The "+" qualifier relates a problem with the analysis by MSA.

The degree of deviation from contract specifications is again the most important factor in determining the validity of the data. A spiked recovery of 84% would result in the "N" qualifier and limit data use only when the difference between 9 and 10 ug/l is typical

ORGANIC QUALIFIERS

Other qualifiers for organic data include the following:

"C" Pesticide results confirmed by GC/MS.

"A" TIC a suggested Aldol condensation product.

"D" Compound identified in a secondary dilution.

Qualifiers "C & D" do not impact the data. The "A" qualifier denotes that a tentatively identified compound may not be correct and is probably a degradation product of another chemical.

6. SUMMARY

Qualified data in the CLP program simply denotes deviation from contract specifications. In many cases, the data is usable for the project goals and objectives. The "R" and "B" qualifiers are the only one that denotes truly unusable data. The following tables contain some further guidelines for the interpretation of CLP qualifiers with respect to Risk Assessments.

It is very important to understand why data is qualified. If the qualification relates to a technical issue, please ask an experienced chemist for an explanation. Remember, the CLP reviewer is denoting deviation from the contract only. It is up to the project team to determine if the data is usable.

EXHIBIT 5-4

CLP LABORATORY DATA QUALIFIERS AND THEIR POTENTIAL USE IN QUANTITATIVE RISK ASSESSMENT

Qualifier	Definition	Indicates: Uncertain Identity?	Indicates: Uncertain Concentration?	Include Data in Quantitative Risk Assessment?
Inorganic Chemical Data:[a]				
B	Reported value is <CRDL, but >IDL.	No	No	Yes
U	Compound was analyzed for, but not detected.	Yes	Yes	?
E	Value is estimated due to matrix interferences.	No	Yes	Yes
M	Duplicate injection precision criteria not met.	No	Yes	Yes
N	Spiked sample recovery not within control limits.	No	Yes	Yes
S	Reported value was determined by the Method of Standard Additions (MSA).	No	No	Yes
W	Post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is <50% of spike absorbance.	No	Yes	Yes
*	Duplicate analysis was not within control limits.	No	Yes	Yes
+	Correlation coefficient for MSA was <0.995.	No	Yes	Yes
Organic Chemical Data:[b]				
U	Compound was analyzed for, but not detected.	Yes	Yes	?

(continued)

EXHIBIT 5-4 (continued)

CLP LABORATORY DATA QUALIFIERS AND THEIR POTENTIAL USE IN QUANTITATIVE RISK ASSESSMENT

Qualifier	Definition	Indicates: Uncertain Identity?	Indicates: Uncertain Concentration?	Include Data in Quantitative Risk Assessment?
J	Value is estimated, either for a tentatively identified compound (TIC) or when a compound is present (spectral identification criteria are met, but the value is <CRQL).	No, for TCL chemicals; Yes, for TICs	Yes	?
C	Pesticide results were confirmed by GC/MS.	No	No	Yes
B	Analyte found in associated blank as well as in sample.[c]	No	Yes	Yes
E	Concentration exceeds calibration range of GC/MS instrument.	No	Yes	Yes
D	Compound identified in an analysis at a secondary dilution factor.	No	No	Yes
A	The TIC is a suspected aldol-condensation product.	Yes	Yes	No
X	Additional flags defined separately.	–	–	–

– = Data will vary with laboratory conducting analyses.

[a] Source: EPA 1988b.

[b] Source: EPA 1988c.

[c] See Section 5.5 for guidance concerning blank contamination.

EXHIBIT 5-5

VALIDATION DATA QUALIFIERS AND THEIR POTENTIAL USE IN QUANTITATIVE RISK ASSESSMENT

Qualifier	Definition	Indicates: Uncertain Identity?	Indicates: Uncertain Concentration?	Include Data in Quantitative Risk Assessment?
Inorganic and Organic Chemical Data:[a]				
U	The material was analyzed for, but not detected. The associated numerical value is the SQL.	Yes	Yes	?
J	The associated numerical value is an estimated quantity.	No	Yes	Yes
R	Quality control indicates that the data are unusable (compound may or may not be present). Re-sampling and/or re-analysis is necessary for verification.	Yes	Yes	No
Z	No analytical result (inorganic data only).	–	–	–
Q	No analytical result (organic data only).	–	–	–
N	Presumptive evidence of presence of material (tentative identification).[b]	Yes	Yes	?

– = Not applicable

[a] Source: EPA 1988d,e.

[b] Organic chemical data only.

Summary of Samples Analyzed

Table 2.1
Skinner Landfill
Sample Label Key

	Location		Interval *		Type
BL	Buried Lagoon	A	First Sample Depth	AB	Atmospheric Blank
BP	Buried Pit	B	Second Sample Depth	DL	Dilution
GW	Monitor Well (Soil)	C	Third Sample Depth	DP	Duplicate
HA	Hand Auger	D	Fourth Sample Depth	FB	Field Blank
LS	Leachate Sediment	E	Fifth Sample Depth	MSD	Matrix Spike Duplicate
LW	Leachate Water			MS/MX	Matrix Spike
RW	Residential Well			RE	Reanalyzed Sample
SF	Surface Water				
SM	Stream/Pond Sediment				
WL	Waste Lagoon				
WW	Monitor Well (Water)				

* where appropriate the sampled interval indicated on Boring Log Sheets

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWES Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
W	BL01-AB	X								
S	BL01A	X	X	X	X	X	X	X		
S	BL01A-FB	X	X	X	X	X	X	X		
S	BL01C	X	X	X	X	X	X	X		
S	BL01E	X	X	X	X	X	X	X		
S	BL01G	X	X	X	X	X	X	X		
S	BL01H	X	X	X	X	X	X	X		
W	BL02-AB	X								
S	BL02B	X	X	X	X	X	X	X		
S	BL02C	X	X	X	X	X	X	X		
S	BL02C-DL1						X			
S	BL02C-DL2						X			
S	BL02C-RE	X	X							
S	BL02D	X	X	X	X	X	X	X		
S	BL02D-DL						X			
S	BL02D-RE	X								
S	BL02E	X	X	X	X	X	X	X		
S	BL02E-DL1						X			
S	BL02E-DL2						X			
S	BL02O	X	X	X	X	X	X	X		
W	BL03A-AB	X								
S	BL03A-DP	X	X	X	X	X	X	X		
S	BL03A-DP2		X							
S	BL03A-MS	X	X	X	X	X	X	X		
S	BL03A-MSD			X				X		
S	BP01A	X	X	X	X	X	X			
S	BP02A	X	X	X	X	X	X			
W	BP02A-AB	X								
S	BP02A-DP	X	X	X	X	X	X			
S	BP02B	X	X	X	X	X	X			
S	BP02C	X	X	X	X	X	X			
S	BP02D	X	X	X	X	X	X			
S	BP03A	X	X	X	X	X	X			
S	BP03A-FB	X	X	X	X	X	X			
W	GW26-AB	X								
S	GW26A	X	X	X	X	X	X	X		
S	GW26A-DL			X						
S	GW26B	X	X	X	X	X	X	X		
S	GW26B-FB	X	X	X	X	X	X	X		
W	GW27-AB	X								
S	GW27B	X	X	X	X	X	X	X		
S	GW27C	X	X	X	X	X	X	X		
S	GW27D	X	X	X	X	X	X	X		
S	GW27E	X	X	X	X	X	X	X		
S	GW27F	X	X	X	X	X	X	X		
S	GW27F-DP	X	X	X	X	X	X	X		
S	GW27F-DP2							X		
W	GW28-AB	X								
S	GW28A	X	X	X	X	X	X			
S	GW28A-DP	X	X	X	X	X	X			
S	GW28A-FB	X	X	X	X	X	X			
S	GW28B	X	X	X	X	X	X			
S	GW28C	X	X	X	X	X	X			
W	GW29-AB	X								
W	GW29-TB	X								
S	GW29A	X	X	X	X	X	X	X		
S	GW29B	X	X	X	X	X	X	X		
S	GW29B-FB	X	X	X	X	X	X	X		

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWES Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
W	GW35-AB	X								
S	GW35A-MS	X	X	X	X	X	X	X		
S	GW35C	X			X	X	X	X		
S	GW35D	X			X	X	X	X		
S	GW35E	X			X	X	X	X		
W	GW38-AB	X								
S	GW38A	X	X	X	X	X	X	X		
S	GW38B	X	X	X	X	X	X	X		
S	GW38B-RE	X								
S	GW38C	X	X	X	X	X	X	X		
S	GW38D	X	X	X	X	X	X	X		
S	HA01A	X	X	X	X	X	X			
W	HA01A-AB	X								
S	HA01B	X	X	X	X	X	X			
S	HA01B-DP	X	X	X	X	X	X			
S	HA02A	X	X	X	X	X	X			
S	HA02B	X	X	X	X	X	X			
S	HA03A	X	X	X	X	X	X			
W	HA03A-AB	X								
S	HA03A-FB	X	X	X	X	X	X			
S	HA03B	X	X	X	X	X	X			
S	LS01	X	X	X	X	X	X			
W	LS01-AB	X								
S	LS01-RE		X							
W	LS01-TB	X								
S	LS02	X	X	X	X	X	X			
S	LS02-RE		X							
S	LS03	X	X	X	X	X	X			
S	LS03-RE		X							
W	LW01	X	X	X	X		X		X	
W	LW01-AB	X								
W	LW01-DP	X	X	X	X		X		X	
W	LW01-TB	X								
W	LW02	X	X	X	X		X		X	
W	LW02-AB	X								
W	LW02-FB	X	X	X	X		X		X	
W	LW02-TB	X								
W	LW03-AB	X								
W	LW03-MS	X	X	X	X		X		X	
W	LW03-TB	X								
W	RW01	X	X	X	X		X		X	
W	RW03-MS	X	X	X	X		X		X	
W	RW25	X	X	X	X		X		X	
W	RW25-DP	X	X	X	X		X		X	
W	RW25-RE		X							
W	RW25-TB	X								
W	RW35	X	X	X	X		X		X	
S	SAND-BLK	X	X	X	X	X	X			
W	SF01-AB	X								
W	SF01-MS	X	X	X	X		X		X	
W	SF01-TB	X								
W	SF02	X	X	X	X		X		X	
W	SF02-AB	X								
W	SF02-TB	X								
W	SF03	X	X	X	X		X		X	
W	SF04	X	X	X	X		X		X	
W	SF05	X	X	X	X		X		X	
W	SF06	X	X	X	X		X		X	

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWBS Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
W	SF07	X	X	X	X		X		X	
W	SF07-AB	X								
W	SF07-DP	X	X	X	X		X		X	
W	SF07-TB	X								
W	SF08	X	X	X	X		X		X	
W	SF08-AB	X								
W	SF08-TB	X								
W	SF09	X	X	X	X		X		X	
W	SF10-MS	X	X	X	X		X		X	
W	SF11	X	X	X	X		X		X	
W	SF11-AB	X								
W	SF11-TB	X								
W	SF12	X	X	X	X		X		X	
W	SF13	X	X	X	X		X		X	
W	SF13-DP	X	X	X	X		X		X	
W	SF14	X	X	X	X		X		X	
W	SF14-AB	X								
W	SF14-FB	X	X	X	X		X		X	
W	SF14-TB	X								
W	SF15	X	X	X	X		X		X	
W	SF15-AB	X								
W	SF15-TB	X								
W	SF16-AB	X								
W	SF16-MS	X	X	X	X		X		X	
W	SF16-TB	X								
W	SF17	X	X	X	X		X		X	
W	SF17-AB	X								
W	SF17-FB	X	X	X	X		X		X	
W	SF17-TB	X								
W	SF18	X	X	X	X		X		X	
W	SF18-AB	X								
W	SF18-TB	X								
W	SF19	X	X	X	X		X		X	
W	SF20	X	X	X	X		X		X	
W	SF20-AB	X								
W	SF20-TB	X								
W	SF21	X	X	X	X		X		X	
W	SF21-DP	X	X	X	X		X		X	
W	SF22	X	X	X	X		X		X	
W	SF22-AB	X								
W	SF22-TB	X								
W	SF23	X	X	X	X		X		X	
W	SF24	X	X	X	X		X		X	
W	SF25	X			X		X			
W	SF25-AB	X								
W	SF25-TB	X								
W	SF26	X			X		X			
W	SF27	X	X	X	X	X	X		X	
W	SF27-AB	X								
W	SF27-TB	X								
W	SF28	X	X	X	X	X	X		X	
W	SF29	X	X	X	X		X		X	
W	SF30-AB	X								
W	SF30-MS	X			X		X			
W	SF30-TB	X								
W	SF31	X	X	X	X		X		X	
W	SF31-AB	X								
W	SF31-DP	X	X	X	X		X		X	

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWES Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
W	SF31-TB	X								
W	SF32	X	X	X	X		X		X	
W	SF32-AB	X								
W	SF32-TB	X								
W	SF33A	X	X	X	X		X		X	
W	SF33A-AB	X								
W	SF33A-FB	X	X	X	X		X		X	
W	SF33A-TB	X								
W	SF33B	X	X	X	X		X		X	
W	SF34A-AB	X								
W	SF34A-MS	X	X	X	X		X		X	
W	SF34A-TB	X								
W	SF34B	X	X	X	X		X		X	
W	SF35A	X	X	X	X		X		X	
W	SF35A-AB	X								
W	SF35A-TB	X								
W	SF35B	X	X	X	X		X		X	
W	SF35B-FB	X	X	X	X		X		X	
W	SF36	X	X	X	X		X		X	
W	SF37	X	X	X	X		X		X	
S	SM01-MS	X	X	X	X	X	X			
S	SM02	X			X	X	X			
S	SM03	X	X	X	X	X	X			
S	SM03-DP		X	X						
S	SM03-FB		X	X						
S	SM04	X	X	X	X	X	X			
S	SM05	X	X	X	X	X	X			
S	SM06	X	X	X	X	X	X			
S	SM07	X	X	X	X	X	X			
S	SM07-DP	X	X	X	X	X	X			
S	SM08	X	X	X	X	X	X			
S	SM09	X	X	X	X	X	X			
S	SM10-MS	X	X	X	X	X	X			
S	SM11	X	X	X	X	X	X			
S	SM12	X	X	X	X	X	X			
S	SM13	X	X	X	X	X	X			
S	SM13-DP	X	X	X	X	X	X			
S	SM14	X	X	X	X	X	X			
S	SM14-FB	X	X	X	X	X	X			
S	SM15	X	X	X	X	X	X			
S	SM16-MS	X	X	X	X	X	X			
S	SM17	X	X	X	X	X	X			
S	SM17-FB	X	X	X	X	X	X			
S	SM18	X	X	X	X	X	X			
S	SM19	X	X	X	X	X	X			
S	SM20	X	X	X	X	X	X			
S	SM21	X	X	X	X	X	X			
S	SM21-DP	X	X	X	X	X	X			
S	SM22	X	X	X	X	X	X			
S	SM23	X			X	X	X			
S	SM24	X			X	X	X			
S	SM25	X			X	X	X			
S	SM26	X			X	X	X			
S	SM27	X	X	X	X	X				
S	SM28	X	X	X	X	X	X			
S	SM29	X	X	X	X	X	X			
S	SM30-MS	X	X	X	X	X	X			
S	SM31	X	X	X	X	X	X			

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWRS Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
S	SM31-DP	X	X	X	X	X	X			
S	SM31-DPRE		X							
S	SM31-RE		X							
S	SM32	X	X	X	X	X	X			
S	SM33A	X	X	X	X	X	X			
S	SM33A-FB	X	X	X	X	X	X			
S	SM33A-FBR		X							
S	SM33A-RE		X							
S	SM34-MS	X	X	X	X	X	X			
S	SM34-MSRE		X							
S	SM35	X	X	X	X	X	X			
S	SM35-FB	X	X	X	X	X	X			
S	SM35-FBRE		X							
S	SM35-RE		X							
W	WL01-AB	X								
S	WL01A	X	X	X	X		X	X		X
S	WL01B	X	X	X	X		X	X		X
S	WL01B-DL						X			
S	WL01C	X	X	X	X		X	X		X
S	WL02A	X	X	X	X		X	X		X
S	WL02B	X	X	X	X		X	X		X
S	WL02B-RE		X							
W	WL03-AB	X								
S	WL03A	X	X	X	X					
S	WL03B	X	X	X	X					
S	WL03C	X	X	X	X		X	X		X
S	WL03D	X	X	X	X		X	X		X
S	WL03E	X	X	X	X		X	X		X
W	WL04-AB	X								
S	WL04A-MS	X	X	X	X		X	X		X
S	WL04C	X	X	X	X		X	X		
W	WL05-AB	X								
S	WL05B	X			X		X	X		X
S	WL05B-D1						X			
S	WL05B-D2						X			
S	WL05B-D3						X			
S	WL05B-MS		X	X						
S	WL05B-MS-DL			X						
S	WL05B-RE							X		
S	WL05C	X	X	X	X		X	X		X
S	WL05C-DL						X			
S	WL06B	X	X	X	X		X	X		X
W	WL06B-AB	X								
S	WL06B-DL		X							
S	WL06B-DLR		X							
S	WL06B-RE		X							
S	WL06C	X	X	X	X		X	X		X
W	WL06C-AB	X								
W	WL06C-FB	X	X	X	X			X		X
W	WL06C-FBR		X							
S	WL06C-RE		X							
S	WL07A	X	X	X	X					
W	WL07A-AB	X								
S	WL07B	X	X	X	X					
S	WL07B-DL	X								
S	WL07C	X	X	X	X		X	X		X
S	WL07C-DL						X			
S	WL07D	X	X	X	X		X	X		X

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWES Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
S	WL07E	X	X	X	X		X	X		X
W	WL08-AB	X								
S	WL08A						X			X
S	WL08A-FB	X	X	X	X		X	X		
S	WL08A-MS	X	X	X	X			X		X
S	WL08B	X	X	X	X		X	X		X
S	WL08B-DP	X	X	X	X		X	X		X
S	WL08D-DP							X		
W	WL09-AB	X								
S	WL09A	X	X	X	X		X	X		X
S	WL09A-D1						X			
S	WL09A-D2						X			
S	WL09A-DL		X							
S	WL09A-FB	X	X	X	X		X	X		X
S	WL09B	X	X	X	X		X	X		X
S	WL09B-D1						X			
S	WL09B-D2						X			
S	WL09B-D3						X			
S	WL09B-DL		X							
S	WL09B-RE							X		
W	WL10-AB	X								
S	WL10A-MS	X	X	X	X		X	X		X
S	WL10A-MS-D1		X	X						
S	WL10A-MSD1						X			
S	WL10A-MSD2						X			
S	WL10A-MSD3						X			
S	WL10A-MSD4						X			
S	WL10B	X	X	X	X		X	X		X
S	WL10B-DL						X			
S	WL10B-DP	X	X	X	X		X	X		X
S	WL10B-DPDL						X			
W	WL11-AB	X								
S	WL11A-MS	X	X	X	X		X	X		X
S	WL11B	X	X	X	X		X	X		X
S	WL11C	X	X	X	X		X	X		X
W	WL12-AB	X								
S	WL12A	X	X	X	X		X	X		X
S	WL12A-FB	X	X	X	X		X	X		X
S	WL12C	X	X	X	X		X	X		X
W	WL13-AB	X								
S	WL13A	X	X	X	X		X	X		X
S	WL13B	X	X	X	X		X			X
S	WL14A	X	X	X	X		X	X		X
S	WL14A-DL						X			
S	WL14B	X	X	X	X		X	X		X
S	WL14B-DL1						X			
S	WL14B-DL2						X			
W	WL15-AB	X								
S	WL15A	X	X	X	X		X	X		X
S	WL15A-DP	X	X	X	X		X	X		X
S	WL15A-DPRE							X		
S	WL15B	X	X	X	X		X	X		X
S	WL15B-D1						X			
S	WL15B-D2						X			
S	WL15B-D3						X			
S	WL15B-DL			X						
W	WL16-AB	X								
S	WL16A	X	X	X	X		X			X

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWBS Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
S	WL16A-DL						X			
S	WL16B	X	X	X	X		X	X		X
S	WL16B-DL						X			
S	WL16B-DP	X	X	X	X		X	X		X
S	WL16B-DPDL						X			
W	WW06	X	X	X	X	X				
W	WW06-AB	X								
W	WW06-TB	X								
W	WW07	X	X	X	X	X	X		X	
W	WW09	X	X	X	X	X	X		X	
W	WW10	X	X	X	X	X	X		X	
W	WW10-DP	X	X	X	X	X	X		X	
W	WW11-AB	X								
W	WW11-MS	X	X	X	X	X	X		X	
W	WW11-TB	X								
W	WW12	X	X	X	X	X	X		X	
W	WW12-DP	X	X	X	X	X	X		X	
W	WW14	X	X	X	X	X	X		X	
W	WW15	X	X	X	X	X	X		X	
W	WW15-AB	X								
W	WW15-TB	X								
W	WW17	X	X	X	X	X	X		X	
W	WW17-FB	X	X	X	X	X	X		X	
W	WW18	X	X	X	X	X	X		X	
W	WW19	X	X	X	X	X	X		X	
W	WW19-DL		X							
W	WW20	X	X	X	X	X	X		X	
W	WW20-AB	X								
W	WW20-DL	X								
W	WW20-TB	X								
W	WW23	X	X	X	X		X		X	
W	WW24	X	X	X	X	X	X		X	
W	WW26	X	X	X	X	X	X		X	
W	WW27	X	X	X	X	X	X		X	
W	WW28	X	X	X	X	X	X		X	
W	WW29	X	X	X	X	X	X		X	
W	WW29-AB	X								
W	WW29-TB	X								
W	WW30	X	X	X	X	X	X		X	
W	WW30-AB	X								
W	WW30-FB	X	X	X	X	X	X		X	
W	WW30-TB	X								
W	WW31	X	X	X	X	X	X		X	
W	WW31-DP	X	X	X	X	X	X		X	
W	WW32	X	X	X	X		X		X	
W	WW32-DP	X	X	X	X		X		X	
W	WW33	X	X	X	X		X		X	
W	WW33-AB	X								
W	WW33-DP	X	X	X	X		X		X	
W	WW33-TB	X								
W	WW35-MS	X	X	X	X		X		X	
W	WW35-TB	X								
W	WW36	X	X	X	X		X		X	
W	WW36-AB	X								
W	WW36-FB	X	X	X	X		X		X	
W	WW38	X	X	X	X	X	X		X	
W	WW38-FB		X	X	X	X	X		X	
W	WWB5	X	X	X	X	X	X		X	

SKINNER LANDFILL
Summary of Samples Analyzed
Current to 09-Nov-90

Matrix	WWES Site Id	Volatiles	Semi-Volatiles	Pesticides	Inorganics	TOC	Alternate Pesticides	Dioxins & Furans	Major Ions	Incin-erator
W	WWB5-FB	X		X	X	X	X		X	
W	WWB8	X	X	X	X	X	X			
W	WWB8-AB	X								
W	WWB8-TB	X								

Table 2.3

Skinner Landfill

Phase II Sampling

Soil Sample Intervals

Location	Sample Interval Depth (feet) A	B	C	D	E	F	G	H
BL-01	3.5 - 5.0	8.5 - 10.0	20.5 - 22.0	23.5 - 24.5	30.5 - 32.0	33.5 - 35.0	38.5 - 40.0	43.5 - 45.0
BL-02	4.0 - 5.5	8.5 - 10.0	13.5 - 15.0	18.5 - 21.5	23.5 - 25.0	27.5 - 29.0	29.0 - 30.5	-
BL-03	7.5 - 9.0	-	-	-	-	-	-	-
BP-01	1.0 - 2.5	-	-	-	-	-	-	-
BP-02	0.0 - 1.5	3.5 - 5.0	6.0 - 7.5	8.5 - 10.0	-	-	-	-
BP-03	0.0 - 2.0	-	-	-	-	-	-	-
GW-26	1.0 - 2.5	13.5 - 15.0	-	-	-	-	-	-
GW-27	1.0 - 2.5	23.5 - 25.0	28.5 - 30.0	33.5 - 35.0	38.5 - 40.0	43.5 - 45.0	-	-
GW-28	3.5 - 5.0	6.0 - 7.5	9.0 - 10.5	-	-	-	-	-
GW-29	1.0 - 2.5	3.5 - 5.0	-	-	-	-	-	-
GW-35	1.0 - 2.5	3.5 - 5.0	6.0 - 7.5	13.5 - 15.0	28.5 - 29.3	-	-	-
GW-38	1.0 - 2.5	3.5 - 5.0	6.0 - 7.5	13.5 - 15.0	-	-	-	-
HA-01	0.5 - 1.0	1.5 - 2.0	-	-	-	-	-	-
HA-02	0.5 - 1.0	1.5 - 2.0	-	-	-	-	-	-
HA-03	0.5 - 1.0	1.5 - 2.0	-	-	-	-	-	-
WL-01	19.5 - 21.5	21.5 - 25.5	-	-	-	-	-	-
WL-02	15.5 - 17.5	21.5 - 23.5	-	-	-	-	-	-
WL-03	17.0 - 19.0	19.0 - 21.0	21.0 - 23.0	27.0 - 29.0	29.0 - 31.0	-	-	-
WL-04	13.5 - 15.5	17.5 - 19.5	21.5 - 23.5	-	-	-	-	-
WL-05	23.0 - 25.0	27.0 - 29.0	43.0 - 45.0	-	-	-	-	-
WL-06	-	24.0 - 28.0	27.5 - 32.0	-	-	-	-	-
WL-07	19.0 - 21.0	21.0 - 23.0	25.0 - 27.0	27.0 - 29.0	31.0 - 33.0	-	-	-
WL-08	17.0 - 19.0	23.0 - 25.0	-	-	-	-	-	-
WL-09	25.0 - 27.0	31.0 - 33.0	-	-	-	-	-	-
WL-10	22.0 - 26.0	30.0 - 32.0	-	-	-	-	-	-
WL-11	22.0 - 24.0	26.0 - 28.0	30.0 - 32.0	-	-	-	-	-
WL-12	17.0 - 19.0	23.0 - 25.0	27.0 - 29.0	-	-	-	-	-
WL-13	33.0 - 35.0	38.0 - 40.0	-	-	-	-	-	-
WL-14	27.0 - 29.0	31.0 - 33.0	-	-	-	-	-	-
WL-15	22.0 - 24.0	36.0 - 38.0	-	-	-	-	-	-
WL-16	14.0 - 16.0	18.0 - 20.0	-	-	-	-	-	-

Buried Lagoon Borings (BL)

Buried Pit Borings (BP)

SKINNER LANDFILL
Summary of BP Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	BP01A		BP02A		BP02A-AB		BP02A-DP		BP02B		BP02C		BP02D	
Sample Date:	02/06/90		02/06/90		02/08/90		02/08/90		02/06/90		02/06/90		02/06/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Bromomethane	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Vinyl Chloride	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Chloroethane	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Methylene Chloride	J	0.006		0.013	J	3	J	0.004		0.009		0.020	J	0.006
Acetone	U	0.017	U	0.012	U	10		0.090	U	0.015		0.021		0.023
Carbon Disulfide	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,1-Dichloroethene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,1-Dichloroethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,2-Dichloroethene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Chloroform	U	0.003	U	0.003	U	3	U	0.002	U	0.003	J	0.003	U	0.003
1,2-Dichloroethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
2-Butanone	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
1,1,1-Trichloroethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Carbon Tetrachloride	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Vinyl Acetate	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Bromodichloromethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,2-Dichloropropane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
cis-1,3-Dichloropropene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Trichloroethene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Dibromochloromethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,1,2-Trichloroethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Benzene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
trans-1,3-Dichloropropene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Bromoform	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
4-Methyl-2-Pentanone	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
2-Hexanone	U	0.017	U	0.012	U	10	U	0.011	U	0.015	U	0.012	U	0.012
Tetrachloroethene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
1,1,2,2-Tetrachloroethane	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Toluene	U	0.008	J	0.004	U	5	J	0.001	J	0.006	J	0.002	J	0.002
Chlorobenzene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Ethylbenzene	U	0.008	U	0.006	U	5	J	0.001	J	0.001	U	0.006	U	0.006
Styrene	U	0.008	U	0.006	U	5	U	0.006	U	0.008	U	0.006	U	0.006
Xylene (total)	U	0.008	U	0.006	U	5		0.007	J	0.006	U	0.006	U	0.006

SKINNER LANDFILL
Summary of BP Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	BP03A		BP03A-FB	
Sample Date:	02/06/90		02/06/90	
Compound Name	Qual	Conc	Qual	Conc
Chloromethane	U	0.012	U	0.010
Bromomethane	U	0.012	U	0.010
Vinyl Chloride	U	0.012	U	0.010
Chloroethane	U	0.012	U	0.010
Methylene Chloride	J	0.004	J	0.003
Acetone	U	0.012	J	0.005
Carbon Disulfide	U	0.006	U	0.005
1,1-Dichloroethene	U	0.006	U	0.005
1,1-Dichloroethane	U	0.006	U	0.005
1,2-Dichloroethene	U	0.006	U	0.005
Chloroform	U	0.002	U	0.002
1,2-Dichloroethane	U	0.006	U	0.005
2-Butanone	U	0.012	U	0.010
1,1,1-Trichloroethane	U	0.006	U	0.005
Carbon Tetrachloride	U	0.006	U	0.005
Vinyl Acetate	U	0.012	U	0.010
Bromodichloromethane	U	0.006	U	0.005
1,2-Dichloropropane	U	0.006	U	0.005
cis-1,3-Dichloropropene	U	0.006	U	0.005
Trichloroethene	U	0.006	U	0.005
Dibromochloromethane	U	0.006	U	0.005
1,1,2-Trichloroethane	U	0.006	U	0.005
Benzene	U	0.006	U	0.005
trans-1,3-Dichloropropene	U	0.006	U	0.005
Bromoform	U	0.006	U	0.005
4-Methyl-2-Pentanone	U	0.012	U	0.010
2-Hexanone	U	0.012	U	0.010
Tetrachloroethene	U	0.006	U	0.005
1,1,2,2-Tetrachloroethane	U	0.006	U	0.005
Toluene	J	0.002	U	0.005
Chlorobenzene	U	0.006	U	0.005
Ethylbenzene	J	0.001	U	0.005
Styrene	U	0.006	U	0.005
Xylene (total)	J	0.006	U	0.005

SKINNER LANDFILL
Summary of BP Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	BP01A		BP02B		BP02C		BP03A-FB		BP02A	
Sample Date:	02/06/90		02/06/90		02/06/90		02/07/90		02/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
bis(2-Chloroethyl)Ether	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2-Chlorophenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
1,3-Dichlorobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
1,4-Dichlorobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Benzyl Alcohol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
1,2-Dichlorobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2-Methylphenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
bis(2-Chloroisopropyl)Ether	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
4-Methylphenol	J	0.11	U	0.8	U	0.85	U	0.66	U	0.77
N-Nitroso-Di-n-Propylamine	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Hexachloroethane	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Nitrobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Isophorone	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2-Nitrophenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4-Dimethylphenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Benzoic Acid	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
bis(2-Chloroethoxy)Methane	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4-Dichlorophenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
1,2,4-Trichlorobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Naphthalene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
4-Chloroaniline	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Hexachlorobutadiene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
4-Chloro-3-Methylphenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2-Methylnaphthalene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Hexachlorocyclopentadiene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4,6-Trichlorophenol	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4,5-Trichlorophenol	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
2-Chloronaphthalene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2-Nitroaniline	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
Dimethyl Phthalate	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Acenaphthylene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,6-Dinitrotoluene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
3-Nitroaniline	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
Acenaphthene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4-Dinitrophenol	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
4-Nitrophenol	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
Dibenzofuran	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
2,4-Dinitrotoluene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Diethylphthalate	U	0.99	U	0.8	U	0	U	0.66	U	0.77
4-Chlorophenyl-phenylether	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Fluorene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
4-Nitroaniline	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
4,6-Dinitro-2-Methylphenol	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
N-Nitrosodiphenylamine(1)	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
4-Bromophenyl-phenylether	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Hexachlorobenzene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Pentachlorophenol	U	4.8	U	3.9	U	4.1	U	3.2	U	3.7
Phenanthrene	J	0.51	U	0.8	J	0.52	U	0.66	J	0.54
Anthracene	U	0.99	U	0.8	J	0.092	U	0.66	J	0.092
Di-n-Butylphthalate	U	0.99	U	0.8	J	0.089	U	0.66	U	0.77
Fluoranthene		1.1	U	0.8		1.1	U	0.66		1.2
Pyrene		1.1	U	0.8		0.96	U	0.66		1
Butylbenzylphthalate	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
3,3'-Dichlorobenzidine	U	2	U	1.6	U	1.7	U	1.3	U	1.5
Benzo(a)Anthracene	J	0.42	U	0.8	J	0.46	U	0.66	J	0.59
Chrysene	J	0.5	U	0.8	J	0.5	U	0.66	J	0.57
bis(2-Ethylhexyl)Phthalate	U	0.99	U	0.8	U	0.85	U	0.66	J	0.11
Di-n-Octyl Phthalate	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Benzo(b)Fluoranthene	J	0.81	U	0.8	J	0.81	U	0.66		1
Benzo(k)Fluoranthene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Benzo(a)Pyrene	J	0.4	U	0.8	J	0.49	U	0.66	J	0.65
Indeno(1,2,3-cd)Pyrene	J	0.3	U	0.8	J	0.29	U	0.66	J	0.34
Dibenzo(a,h)Anthracene	U	0.99	U	0.8	U	0.85	U	0.66	U	0.77
Benzo(g,h,i)Perylene	J	0.35	U	0.8	J	0.31	U	0.66	J	0.42

SKINNER LANDFILL
Summary of BP Series Analytical Results
Semi-volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	BP02A-1DP		BP02D		BP03A	
Sample Date:	02/06/90		02/06/90		02/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.79	U	0.77	U	0.73
bis(2-Chloroethyl)Ether	U	0.79	U	0.77	U	0.73
2-Chlorophenol	U	0.79	U	0.77	U	0.73
1,3-Dichlorobenzene	U	0.79	U	0.77	U	0.73
1,4-Dichlorobenzene	U	0.79	U	0.77	U	0.73
Benzyl Alcohol	U	0.79	U	0.77	U	0.73
1,2-Dichlorobenzene	U	0.79	U	0.77	U	0.73
2-Methylphenol	U	0.79	U	0.77	U	0.73
bis(2-Chloroisopropyl)Ether	U	0.79	U	0.77	U	0.73
4-Methylphenol	U	0.79	U	0.77	U	0.73
N-Nitroso-Di-n-Propylamine	U	0.79	U	0.77	U	0.73
Hexachloroethane	U	0.79	U	0.77	U	0.73
Nitrobenzene	U	0.79	U	0.77	U	0.73
Isophorone	U	0.79	U	0.77	U	0.73
2-Nitrophenol	U	0.79	U	0.77	U	0.73
2,4-Dimethylphenol	U	0.79	U	0.77	U	0.73
Benzoic Acid	U	3.8	U	3.7	U	3.6
bis(2-Chloroethoxy)Methane	U	0.79	U	0.77	U	0.73
2,4-Dichlorophenol	U	0.79	U	0.77	U	0.73
1,2,4-Trichlorobenzene	U	0.79	U	0.77	U	0.73
Naphthalene	U	0.79	U	0.77	U	0.73
4-Chloroaniline	U	0.79	U	0.77	U	0.73
Hexachlorobutadiene	U	0.79	U	0.77	U	0.73
4-Chloro-3-Methylphenol	U	0.79	U	0.77	U	0.73
2-Methylnaphthalene	U	0.79	U	0.77	U	0.73
Hexachlorocyclopentadiene	U	0.79	U	0.77	U	0.73
2,4,6-Trichlorophenol	U	0.79	U	0.77	U	0.73
2,4,5-Trichlorophenol	U	3.8	U	3.7	U	3.6
2-Chloronaphthalene	U	0.79	U	0.77	U	0.73
2-Nitroaniline	U	3.8	U	3.7	U	3.6
Dimethyl Phthalate	U	0.79	U	0.77	U	0.73
Acenaphthylene	U	0.79	U	0.77	U	0.73
2,6-Dinitrotoluene	U	0.79	U	0.77	U	0.73
3-Nitroaniline	U	3.8	U	3.7	U	3.6
Acenaphthene	U	0.79	U	0.77	U	0.73
2,4-Dinitrophenol	U	3.8	U	3.7	U	3.6
4-Nitrophenol	U	3.8	U	3.7	U	3.6
Dibenzofuran	U	0.79	U	0.77	U	0.73
2,4-Dinitrotoluene	U	0.79	U	0.77	U	0.73
Diethylphthalate	U	0.79	U	0.77	U	0.73
4-Chlorophenyl-phenylether	U	0.79	U	0.77	U	0.73
Fluorene	U	0.79	U	0.77	U	0.73
4-Nitroaniline	U	3.8	U	3.7	U	3.6
4,6-Dinitro-2-Methylphenol	U	3.8	U	3.7	U	3.6
N-Nitrosodiphenylamine(1)	U	0.79	U	0.77	U	0.73
4-Bromophenyl-phenylether	U	0.79	U	0.77	U	0.73
Hexachlorobenzene	U	0.79	U	0.77	U	0.73
Pentachlorophenol	U	3.8	U	3.7	U	3.6
Phenanthrene	U	0.79	U	0.77	U	0.73
Anthracene	U	0.79	U	0.77	U	0.73
Di-n-Butylphthalate	U	0.79	U	0.77	U	0.73
Fluoranthene	U	0.79	U	0.77	U	0.73
Pyrene	U	0.79	U	0.77	U	0.73
Butylbenzylphthalate	U	0.79	U	0.77	U	0.73
3,3'-Dichlorobenzidine	U	1.6	U	1.5	U	1.5
Benzo(a)Anthracene	U	0.79	U	0.77	U	0.73
Chrysene	U	0.79	U	0.77	U	0.73
bis(2-Ethylhexyl)Phthalate	J	0.29	U	0.77	U	0.73
Di-n-Octyl Phthalate	U	0.79	U	0.77	U	0.73
Benzo(b)Fluoranthene	U	0.79	U	0.77	U	0.73
Benzo(k)Fluoranthene	U	0.79	U	0.77	U	0.73
Benzo(a)Pyrene	U	0.79	U	0.77	U	0.73
Indeno(1,2,3-cd)Pyrene	U	0.79	U	0.77	U	0.73
Dibenzo(a,h)Anthracene	U	0.79	U	0.77	U	0.73
Benzo(g,h,i)Perylene	U	0.79	U	0.77	U	0.73

SKINNER LANDFILL
Summary of BP Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	BP01A		BP02B		BP02C		BP03A-FB		BPO2A		BPO2A-DP		BPO2D	
Sample Date:	02/06/90		02/06/90		02/06/90		02/07/90		02/07/90		02/08/90		02/06/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
beta-BHC	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
delta-BHC	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
gamma-BHC (Lindane)	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
Heptachlor	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
Aldrin	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
Heptachlor epoxide	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
Endosulfan I	U	0.024	U	0.02	U	0.021	U	0.016	U	0.019	U	0.019	U	0.019
Dieldrin	U	0.048	U	0.039	U	0.041	U	0.032	U	0.037	U	0.039	U	0.037
4,4'-DDE	U	0.048	U	0.039		0.044	U	0.032	U	0.037	U	0.039	U	0.037
Endrin	U	0.048	U	0.039	U	0.041	U	0.032	U	0.037	U	0.039	U	0.037
Endosulfan II	U	0.048	U	0.039	U	0.041	U	0.032	U	0.037	U	0.039	U	0.037
4,4'-DDD	U	0.048	U	0.039		0.11	U	0.032	J	0.01	U	0.039	U	0.037
Endosulfan sulfate	U	0.048	U	0.039	U	0.041	U	0.032	U	0.037	U	0.039	U	0.037
4,4'-DDT	U	0.048	U	0.039		0.097	U	0.032	J	0.013	U	0.039	U	0.037
Methoxychlor	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Endrin ketone	U	0.048	U	0.039	U	0.041	U	0.032	U	0.037	U	0.039	U	0.037
alpha-Chlordane	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
gamma-Chlordane	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Toxaphene	U	0.48	U	0.39	U	0.41	U	0.32	U	0.37	U	0.39	U	0.37
Aroclor-1016	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Aroclor-1221	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Aroclor-1232	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Aroclor-1242	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Aroclor-1248	U	0.24	U	0.2	U	0.21	U	0.16	U	0.19	U	0.19	U	0.19
Aroclor-1254	U	0.48	U	0.39	U	0.41	U	0.32	U	0.37	U	0.39	U	0.37
Aroclor-1260	U	0.48	U	0.39	U	0.41	U	0.32	U	0.37	U	0.39	U	0.37

SKINNER LANDFILL
Summary of BP Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:		BPO3A
Sample Date:		02/07/00
Compound Name	Qual	Conc
alpha-BHC	U	0.018
beta-BHC	U	0.018
delta-BHC	U	0.018
gamma-BHC (Lindane)	U	0.018
Heptachlor	U	0.018
Aldrin	U	0.018
Heptachlor epoxide	U	0.018
Endosulfan I	U	0.018
Dieldrin	U	0.036
4,4'-DDE	U	0.036
Endrin	U	0.036
Endosulfan II	U	0.036
4,4'-DDD	U	0.036
Endosulfan sulfate	U	0.036
4,4'-DDT	U	0.036
Methoxychlor	U	0.18
Endrin ketone	U	0.036
alpha-Chlordane	U	0.18
gamma-Chlordane	U	0.18
Toxaphene	U	0.36
Aroclor-1016	U	0.18
Aroclor-1221	U	0.18
Aroclor-1232	U	0.18
Aroclor-1242	U	0.18
Aroclor-1248	U	0.18
Aroclor-1254	U	0.36
Aroclor-1260	U	0.36

SKINNER LANDFILL
Summary of BP Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	BP01A		BP02A		BP02A-DP		BP02B		BP02C		BP02D		BP03A	
Sample Date:	02/06/90		02/07/90		02/08/90		02/06/90		02/06/90		02/06/90		02/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	10600	P	14000	P	17000	P	14900	P	16000	P	13700	P	10700
Antimony	BNP	8.1	BNP	9.9	BNP	7.9	BNP	4.9	BNP	5.5	BNP	10.1	NP	14.5
Arsenic	NF	8.2	NF	4.5	SNF	8.7	NF	6.6	NF	8.9	NF	6.7	NF	6.3
Barium	P	91	P	35.3	P	130	P	97	P	186	P	88.5	P	83.9
Beryllium	P	1.2	P	1.8	P	2	P	1.8	P	2.3	P	1.6	P	1.3
Cadmium	UP	0.43	UP	0.42	UP	0.45	UP	0.44	P	1.4	BP	0.54	BP	0.73
Calcium	P	26200	P	81100	P	57000	P	16300	P	30600	P	87300	P	133000
Chromium	P	15.2	P	19.2	P	20	P	19.2	P	23.9	P	17.1	P	13.2
Cobalt	P	15.5	P	12.2	P	13.5	P	14.6	P	21.2	P	10.6	BP	8.2
Copper	P	20	P	17.2	P	16.7	P	17.2	P	22.4	P	13.5	P	13.6
Iron	P	19100	P	26300	P	26900	P	25800	P	39600	P	21800	P	19000
Lead	F	207	F	3.7	F	15.1	F	12.8	F	11	F	8.6	F	9.3
Magnesium	P	7060	P	17200	P	8660	P	3780	P	6960	P	14800	P	18600
Manganese	P	639	P	655	P	1990	P	1420	P	3630	P	1570	P	1730
Mercury	UCV	0.09	UCV	0.08	UCV	0.09	UCV	0.11	UCV	0.1	UCV	0.11	CV	0.26
Nickel	P	12.5	P	23.4	P	25.6	P	21.6	P	38.2	P	19	P	17
Potassium	BEP	1060	EP	3070	EP	2890	EP	2010	EP	2420	EP	2590	EP	2070
Selenium	BF	0.24	UF	0.21	UF	0.23	UF	0.24	UF	0.22	UF	0.24	UF	0.23
Silver	P	2.6	P	3.3	P	3.6	P	3.1	P	4.3	P	3.5	P	3.3
Sodium	EP	2540	EP	1080	BEP	1070	BEP	476	BEP	411	BEP	559	BEP	344
Thallium	UWF	0.24	UF	0.21	BF	0.3	UF	0.24	UF	0.22	UF	0.24	UF	0.23
Vanadium	EP	31.7	EP	27.8	EP	36.3	EP	30.6	EP	47.1	EP	33.2	EP	28.9
Zinc	EP	131	EP	59.6	EP	65.2	EP	65.8	EP	90.3	EP	52.7	EP	49
Cyanide	UC	0.79	UC	1	UC	0.7	UC	0.92	UC	0.91	UC	0.91	UC	0.92

SKINNER LANDFILL
Summary of BP Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:		BP03A-PB
Sample Date:		02/07/90
Compound Name	Qual	Conc
Aluminum	BP	29.1
Antimony	UNP	2.6
Arsenic	UNF	0.17
Barium	UP	0.17
Beryllium	UP	0.17
Cadmium	UP	0.34
Calcium	BP	82.4
Chromium	UP	1
Cobalt	UP	0.85
Copper	BP	0.83
Iron	P	130
Lead	UF	0.17
Magnesium	BP	18.4
Manganese	BP	0.41
Mercury	UCV	0.07
Nickel	UP	2.1
Potassium	BEP	137
Selenium	UF	0.17
Silver	UP	0.51
Sodium	BEP	27.3
Thallium	UF	0.17
Vanadium	BEP	0.99
Zinc	EP	4.6
Cyanide	UC	0.84

SKINNER LANDFILL
Summary of BP Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
BP01A	02/06/90		28800
BP02A	02/06/90		20500
BP02A-DP	02/08/90		25700
BP02B	02/06/90		18800
BP02C	02/06/90		49200
BP02D	02/06/90		45600
BP03A	02/06/90		45700
BP03A-FB	02/06/90	U	1000

SKINNER LANDFILL
Summary of BP Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:		BP01A		BP02A		BP02A-DP		BP02B		BP02C		BP02D		BP03A
Sample Date:		02/06/90		02/06/90		02/06/90		02/06/90		02/06/90		02/06/90		02/06/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.12	U	0.00044	U	0.00046	U	0.00048	U	0.00041	U	0.0005	U	0.00041
Hexachlorocylopentadiene	U	0.03	U	0.033	U	0.035	U	0.036	U	0.036	U	0.038	U	0.032
Hexachlorobutadiene	U	0.0008	U	0.0009	U	0.00094	U	0.00098	U	0.00085	U	0.001	U	0.00085
Octachlorocyclopentene	U	0.0077	U	0.0086	U	0.009	U	0.0094	U	0.0092	U	0.0098	U	0.0082
1,2,3,4,5,7,7-Heptachloronorborene	U	0.012		0.0027	U	0.00083	U	0.00087	U	0.00085	U	0.0009	U	0.00075
Chlordene	U	0.00096		0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.001

SKINNER LANDFILL
Summary of BP Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	BP03A-F9	
Sample Date:	02/05/90	
Compound Name	Qual	Conc
Hexachlorobenzene	U	0.00038
Hexachlorocyclopentadiene	U	0.029
Hexachlorobutadiene	U	0.00078
Octachlorocyclopentene	U	0.0075
1,2,3,4,5,7,7-Heptachloronorbornene	U	0.00069
Chlordane	U	0.00093

Ground Water (WW)

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	WW06		WW06-AB		WW06-TB		WW07		WW09		WW10		WW10-DP	
Sample Date:	06/06/90		05/07/90		05/07/90		06/06/90		05/14/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	3		55		76	U	2		6		6	U	5
Acetone		19	U	19	U	19	U	9	U	10	U	10		23
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5		5	U	5	U	5	U	5
Chloroform	U	5		6		9	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	J	2	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene		5		10	J	3	J	3	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	J	3	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	WW11-AB		WW11-MS		WW11-TB		WW12		WW12-DP		WW14		WW15	
Sample Date:	05/16/90		05/14/90		05/16/90		06/06/90		06/06/90		05/01/90		06/06/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride		26	U	5		43	U	4	U	3	U	5	U	5
Acetone	U	9	U	10	U	13	U	18	U	16	U	10	U	9
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	J	3	U	5		5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5		5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	J	1	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	J	0.9	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	J	1
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	J	4	J	4	J	1	J	0.9
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	J	1
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	WW15-AB		WW15-TB		WW17		WW17-FB		WW18		WW19		WW20	
Sample Date:	05/08/90		05/08/90		06/06/90		06/06/90		06/06/90		05/18/90		05/18/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	50	U	10	U	50	U	10	U	10
Bromomethane	U	10	U	10	U	50	U	10	U	50	U	10	U	10
Vinyl Chloride	U	10	U	10	U	50	U	10	U	50	U	10	J	8
Chloroethane	U	10	U	10	U	50	U	10	U	50	U	10		50
Methylene Chloride	U	10		21		85	U	19	J	20	U	4	U	5
Acetone		17		14	U	50		11	U	92	U	83	U	20
Carbon Disulfide	U	5	U	5		35	U	5	U	25	U	1	U	2
1,1-Dichloroethene	U	5	U	5	U	25	U	5	U	25	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	25	U	5	U	25	U	5		73
1,2-Dichloroethene	U	5	U	5	U	25	U	5	U	25	U	5		32
Chloroform	J	3		9	U	25		10	U	25	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	25	U	5	U	25	U	5		7
2-Butanone	U	10	U	10	U	50	U	10	U	50		12	U	10
1,1,1-Trichloroethane	J	1		7	U	25		8	U	25	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Vinyl Acetate	U	10	U	10	U	50	U	10	U	50	U	10	U	10
Bromodichloromethane	U	5	U	5	U	25	U	5	U	25	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	25	U	5	U	25	U	5		21
cis-1,3-Dichloropropene	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Trichloroethene	U	5	U	5	U	25	U	5	U	25	U	5	J	2
Dibromochloromethane	U	5	U	5	U	25	U	5	U	25	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Benzene	U	5	U	5		690	U	5		890	U	5	E	410
trans-1,3-Dichloropropene	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Bromoform	U	5	U	5	U	25	U	5	U	25	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	50	U	10	U	50	U	10	U	10
2-Hexanone	U	10	U	10	U	50	U	10	U	50	J	3	U	10
Tetrachloroethene	U	5	U	5	U	25	U	5	U	25	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Toluene	J	2	J	3	U	25	J	4	U	25	J	0.7		44
Chlorobenzene	U	5	U	5	J	24	U	5		27	U	5	J	4
Ethylbenzene	U	5	U	5	U	25	U	5	U	25	U	5		20
Styrene	U	5	U	5	U	25	U	5	U	25	U	5	U	5
Xylene (total)	U	5	U	5	U	25	U	5	U	25	U	5		14

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWRS Sample Id:	WW20-AB		WW20-DL		WW20-TB		WW23		WW24		WW26		WW27	
Sample Date:	05/18/90		05/18/90		05/18/90		04/22/90		05/01/90		06/06/90		05/18/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	50	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	50	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	DJ	9	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	D	52	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	23	U	17	U	32	R	1	U	5	U	9	U	5
Acetone	U	9	U	41	U	15	J	5	U	11		10	U	17
Carbon Disulfide	U	5	U	25	U	5	U	5	U	5	U	5	U	0.6
1,1-Dichloroethene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	D	82	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	D	35	U	5	U	5	U	5	U	5	U	5
Chloroform	J	3	U	25	J	4	U	5	U	9	U	5	U	5
1,2-Dichloroethane	U	5	DJ	6	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	50	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	J	0.8	U	25	J	1	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	50	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	25	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	D	25	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	25	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	D	490	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	25	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	50	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	50	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Toluene	U	1	D	53	U	2	U	5	J	1	J	2	U	1
Chlorobenzene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	DJ	24	U	5	U	5	J	5	U	5	U	5
Styrene	U	5	U	25	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	DJ	15	J	0.4	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	WW28		WW29		WW29-AB		WW29-TB		WW30		WW30-AB		WW30-FB	
Sample Date:	05/01/90		05/01/90		05/01/90		05/01/90		05/01/90		05/01/90		05/01/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	9	U	5		58		80
Acetone	U	10	U	11	U	11	U	10	U	10	U	23	U	30
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	J	0.8	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	J	2	J	2	U	5		7		9
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	J	0.9	J	1
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	J	6
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	6	U	5	J	3		7	J	4
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	J	1
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	J	4		7

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	WW30-TB		WW31		WW31-DP		WW32		WW32-DP		WW33		WW33-AB	
Sample Date:	05/01/90		05/01/90		05/01/90		04/22/90		04/22/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride		83	U	5	U	5	R	1	U	5	R	1	R	4
Acetone	U	11	U	21	U	16	U	10	U	10	U	10	J	5
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform		10	U	5	U	5	U	5	U	5	U	5		5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	J	2	U	5	U	5	U	5	U	5	J	0.6	J	2
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	J	4	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	J	1	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)		7	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	WW33-DP		WW33-TB		WW35-MS		WW35-TB		WW36		WW36-AB		WW36-FB	
Sample Date:	04/22/90		04/22/90		04/22/90		04/22/90		04/22/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	R	4	U	5	R	4	R	2	J	4	R	8
Acetone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5		5	U	5		5	U	5		6		10
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	J	0.8		5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	J	1
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	WW38		WWB5		WWB5-FB		WWB8		WWB8-AB		WWB8-TB	
Sample Date:	05/01/90		05/17/90		05/17/90		05/16/90		05/17/90		05/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	25	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	25	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10		48	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	25	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	7		57	J	3	U	26		38
Acetone	U	18	U	34	U	18	U	10	U	8	U	10
Carbon Disulfide	U	5	U	13	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	13	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5		52	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5		35	U	5	U	5	U	5	U	5
Chloroform	U	5		85		5	U	5	J	3	J	4
1,2-Dichloroethane	U	5		180	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	25	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5		16	J	2	U	5	J	1	U	5
Carbon Tetrachloride	U	5	U	13	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	25	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	13	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5		370	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	13	U	5	U	5	U	5	U	5
Trichloroethene	U	5		71	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	13	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5		55	U	5	U	5	U	5	U	5
Benzene	U	5		21	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	13	U	5	U	5	U	5	U	5
Bromoform	U	5	U	13	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	25	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	25	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	J	3	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	J	6	U	5	U	5	U	5	U	5
Toluene	J	3	B	24	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	13	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	J	7	U	5	U	5	U	5	U	5
Styrene	U	5	U	13	U	5	U	5	U	5	U	5
Xylene (total)	U	5		17	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	WW06		WW07		WW09		WW10		WW10-DP	
Sample Date:	05/07/90		05/07/90		05/14/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.88	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	J	1	J	1
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene		11	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	WW11-MS		WW12		WW12-DP		WW14		WW15	
Sample Date:	05/14/90		05/07/90		05/07/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	WW17		WW17-PB		WW18		WW19		WW19-DL	
Sample Date:	05/07/90		05/07/90		05/07/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10		13	U	10	U	200
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	200
2-Chlorophenol	U	10	U	10	U	10	U	10	U	200
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	200
1,4-Dichlorobenzene	J	8	U	10		11	U	10	U	200
Benzyl Alcohol	U	10	U	10	U	10	J	1	U	200
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	200
2-Methylphenol	U	10	U	10	U	10	U	10	U	200
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	200
4-Methylphenol	U	10	U	10	U	10	U	10	U	200
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	200
Hexachloroethane	U	10	U	10	U	10	U	10	U	200
Nitrobenzene	U	10	U	10	U	10	U	10	U	200
Isophorone	U	10	U	10	U	10	U	10	U	200
2-Nitrophenol	U	10	U	10	U	10	U	10	U	200
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	200
Benzoic Acid	U	50	U	50	U	50	E	2700	DJ	110
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	200
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	200
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	200
Naphthalene	J	2	U	10	U	10	U	10	U	200
4-Chloroaniline	U	10	U	10	U	10	U	10	U	200
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	200
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	200
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	200
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	200
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	200
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	1000
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	200
2-Nitroaniline	U	50	U	50	U	50	U	50	U	1000
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	200
Acenaphthylene	U	10	U	10	U	10	U	10	U	200
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	200
3-Nitroaniline	U	50	U	50	U	50	U	50	U	1000
Acenaphthene	U	10	U	10	U	10	U	10	U	200
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	1000
4-Nitrophenol	U	50	U	50	U	50	U	50	U	1000
Dibenzofuran	U	10	U	10	U	10	U	10	U	200
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	200
Diethylphthalate	U	10	U	10	U	10	U	10	U	200
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	200
Fluorene	U	10	U	10	U	10	U	10	U	200
4-Nitroaniline	U	50	U	50	U	50	U	50	U	1000
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	1000
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	200
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	200
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	200
Pentachlorophenol	U	50	U	50	U	50	U	50	U	1000
Phenanthrene	U	10	U	10	U	10	U	10	U	200
Anthracene	U	10	U	10	U	10	U	10	U	200
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	200
Fluoranthene	U	10	U	10	U	10	U	10	U	200
Pyrene	U	10	U	10	U	10	U	10	U	200
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	200
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	400
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	200
Chrysene	U	10	U	10	U	10	U	10	U	200
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	200
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	200
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	200
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	200
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	200
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	200
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	200
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	200

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWIS Sample ID:	WW20		WW23		WW24		WW26		WW27	
Sample Date:	05/14/90		04/22/90		05/02/90		05/07/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether		130	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	J	2	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	J	5	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	J	2	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	J	3	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	WW28		WW29		WW30		WW30-FB		WW31	
Sample Date:	05/02/90		05/02/90		05/02/90		05/02/90		05/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	J	2	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	45	U	13	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWII Sample ID:	WW31-DP		WW32		WW32-DP		WW33		WW33-DP	
Sample Date:	05/02/90		04/22/90		04/22/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	J	3	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	26	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWIS Sample Id:	WW35-MS		WW36		WW36-FB		WW38		WW38-FB	
Sample Date:	04/22/90		04/22/90		04/22/90		05/02/90		05/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Semi-volatiles
Units in ug/L

WWB3 Sample ID:	WWB3		WWB4	
Sample Date:	05/14/98		05/14/98	
Compound Name	Qual	Conc	Qual	Conc
Phenol	U	10	U	10
bis(2-Chloroethyl)Ether		73	U	10
2-Chlorophenol	J	1	U	10
1,3-Dichlorobenzene		13	U	10
1,4-Dichlorobenzene		10	U	10
Benzyl Alcohol	U	10	U	10
1,2-Dichlorobenzene	J	6	U	10
2-Methylphenol	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10
4-Methylphenol	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10
Hexachloroethane	U	10	U	10
Nitrobenzene	U	10	U	10
Isophorone	U	10	U	10
2-Nitrophenol	U	10	U	10
2,4-Dimethylphenol	U	10	U	10
Benzoic Acid	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10
2,4-Dichlorophenol	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10
Naphthalene		14	U	10
4-Chloroaniline	U	10	U	10
Hexachlorobutadiene	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10
2-Methylnaphthalene	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50
2-Chloronaphthalene	U	10	U	10
2-Nitroaniline	U	50	U	50
Dimethyl Phthalate	U	10	U	10
Acenaphthylene	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10
3-Nitroaniline	U	50	U	50
Acenaphthene	U	10	U	10
2,4-Dinitrophenol	U	50	U	50
4-Nitrophenol	U	50	U	50
Dibenzofuran	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10
Diethylphthalate	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10
Fluorene	U	10	U	10
4-Nitroaniline	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10
Hexachlorobenzene	U	10	U	10
Pentachlorophenol	U	50	U	50
Phenanthrene	U	10	U	10
Anthracene	U	10	U	10
Di-n-Butylphthalate	U	10	U	10
Fluoranthene	U	10	U	10
Pyrene	U	10	U	10
Butylbenzylphthalate	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20
Benzo(a)Anthracene	U	10	U	10
Chrysene	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	J	1
Di-n-Octyl Phthalate	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10
Benzo(a)Pyrene	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10

SKINNER LANDFILL
Summary of BL Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWHS Sample Id:	BL01-AB		BL01A		BL01A-FB		BL01C		BL01E		BL01G		BL01H	
Sample Date:	02/13/90		02/13/90		02/13/90		02/13/90		02/13/90		02/13/90		02/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Bromomethane	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Vinyl Chloride	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Chloroethane	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Methylene Chloride	J	4	J	0.003	J	0.002	J	0.003		0.023		0.016		0.043
Acetone	U	10	U	0.011	U	0.01		0.099		0.085		0.039		0.18
Carbon Disulfide	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,1-Dichloroethene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,1-Dichloroethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,2-Dichloroethene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	J	0.002
Chloroform	U	2	U	0.003	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005
1,2-Dichloroethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
2-Butanone	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
1,1,1-Trichloroethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Carbon Tetrachloride	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Vinyl Acetate	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Bromodichloromethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,2-Dichloropropane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
cis-1,3-Dichloropropene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Trichloroethene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Dibromochloromethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,1,2-Trichloroethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Benzene	U	5	U	0.006	U	0.005	U	0.005	J	0.007		0.017		0.1
trans-1,3-Dichloropropene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Bromoform	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
4-Methyl-2-Pentanone	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
2-Hexanone	U	10	U	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.012
Tetrachloroethene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
1,1,2,2-Tetrachloroethane	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Toluene	U	5	J	0.003	U	0.005	U	0.005	J	0.006		0.028		0.065
Chlorobenzene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Ethylbenzene	U	5	U	0.006	U	0.005	J	0.0008	U	0.005		0.089		0.013
Styrene	U	5	U	0.006	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006
Xylene (total)	U	5	U	0.006	U	0.005	J	0.002	J	0.002		0.098		0.012

SKINNER LANDFILL
Summary of BL Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	BL02-AB		BL02B		BL02C		BL02C-RB		BL02D		BL02D-RB		BL02E	
Sample Date:	02/11/90		02/12/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Bromomethane	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Vinyl Chloride	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Chloroethane	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Methylene Chloride	U	5	J	0.004	U	0.71	U	0.71		0.81		0.88	U	6.9
Acetone	U	10	U	0.011	U	1.4	U	1.4	U	1.4		2.9	U	14
Carbon Disulfide	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
1,1-Dichloroethene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
1,1-Dichloroethane	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
1,2-Dichloroethene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Chloroform	U	2	J	0.02	U	0.36	U	0.44	U	0.35	U	0.41	U	4.8
1,2-Dichloroethane	U	5	J	0.003	U	0.71	J	0.29		5.9		7.6	U	6.9
2-Butanone	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
1,1,1-Trichloroethane	U	5		0.026	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Carbon Tetrachloride	U	5		0.041	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Vinyl Acetate	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Bromodichloromethane	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
1,2-Dichloropropane	U	5		0.14	U	0.71	U	0.71		1.5		2		8
cis-1,3-Dichloropropene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Trichloroethene	U	5		0.11	U	0.71	U	0.71	U	0.68	U	0.68	J	5
Dibromochloromethane	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
1,1,2-Trichloroethane	U	5		0.13		1.5		1.7		0.98		1.4		9
Benzene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
trans-1,3-Dichloropropene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Bromoform	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
4-Methyl-2-Pentanone	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
2-Hexanone	U	10	U	0.011	U	1.4	U	1.4	U	1.4	U	1.4	U	14
Tetrachloroethene	U	5		0.049	U	0.71	U	0.71	U	0.68	U	0.68	J	2.5
1,1,2,2-Tetrachloroethane	U	5		0.04	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Toluene	U	5		0.017		1.6		1.8	J	0.29	J	0.31		67
Chlorobenzene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Ethylbenzene	U	5	U	0.005	J	0.29	U	0.71	U	0.68	U	0.68	J	0.58
Styrene	U	5	U	0.005	U	0.71	U	0.71	U	0.68	U	0.68	U	6.9
Xylene (total)	U	5	U	0.005	J	0.17	J	0.47	U	0.68	U	0.68		23

SKINNER LANDFILL
Summary of BL Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	BL02G		BL03A-AB		BL03A-DP		BL03A-MS	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.03	U	10	U	0.011	U	0.011
Bromomethane	U	0.03	U	10	U	0.011	U	0.011
Vinyl Chloride	U	0.03	U	10	U	0.011	U	0.011
Chloroethane	U	0.03	U	10	U	0.011	U	0.011
Methylene Chloride	J	0.011	J	3	J	0.004	J	0.002
Acetone	U	0.03	U	10	U	0.011	U	0.011
Carbon Disulfide	U	0.015	U	5	U	0.005	U	0.006
1,1-Dichloroethene	U	0.015	U	5	U	0.005	U	0.006
1,1-Dichloroethane	U	0.015	U	5	U	0.005	U	0.006
1,2-Dichloroethene	U	0.015	U	5	U	0.005	U	0.006
Chloroform	U	0.011	U	2	U	0.003	U	0.003
1,2-Dichloroethane		0.044	U	5	U	0.005	U	0.006
2-Butanone	U	0.03	U	10	U	0.011	U	0.011
1,1,1-Trichloroethane	U	0.015	J	2	U	0.005	U	0.006
Carbon Tetrachloride	U	0.015	U	5	U	0.005	U	0.006
Vinyl Acetate	U	0.03	U	10	U	0.011	U	0.011
Bromodichloromethane	U	0.015	U	5	U	0.005	U	0.006
1,2-Dichloropropane	U	0.015	U	5	U	0.005	U	0.006
cis-1,3-Dichloropropene	U	0.015	U	5	U	0.005	U	0.006
Trichloroethene	J	0.006	U	5	U	0.005	U	0.006
Dibromochloromethane	U	0.015	U	5	U	0.005	U	0.006
1,1,2-Trichloroethane		0.088	U	5	U	0.005	U	0.006
Benzene	U	0.015	U	5	U	0.005	U	0.006
trans-1,3-Dichloropropene	U	0.015	U	5	U	0.005	U	0.006
Bromoform	U	0.015	U	5	U	0.005	U	0.006
4-Methyl-2-Pentanone	U	0.03	U	10	U	0.011	U	0.011
2-Hexanone	U	0.03	U	10	U	0.011	U	0.011
Tetrachloroethene	U	0.015	U	5	U	0.005	U	0.006
1,1,2,2-Tetrachloroethane	U	0.015	U	5	U	0.005	U	0.006
Toluene	J	0.01	U	5	J	0.001	U	0.006
Chlorobenzene	U	0.015	U	5	U	0.005	U	0.006
Ethylbenzene	U	0.015	U	5	J	0.0009	U	0.006
Styrene	U	0.015	U	5	U	0.005	U	0.006
Xylene (total)	J	0.007	U	5	J	0.005	J	0.001

SKINNER LANDFILL
Summary of BL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	BL01A		BL01A-FB		BL01C		BL01E		BL01G	
Sample Date:	02/12/90		02/12/90		02/13/90		02/13/90		02/13/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
bis(2-Chloroethyl)Ether	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2-Chlorophenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
1,3-Dichlorobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
1,4-Dichlorobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzyl Alcohol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
1,2-Dichlorobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2-Methylphenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
bis(2-Chloroisopropyl)Ether	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
4-Methylphenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
N-Nitroso-Di-n-Propylamine	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Hexachloroethane	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Nitrobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Isophorone	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2-Nitrophenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4-Dimethylphenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzoic Acid	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
bis(2-Chloroethoxy)Methane	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4-Dichlorophenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
1,2,4-Trichlorobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Naphthalene	U	0.35	U	0.33		0.61	U	0.36		0.41
4-Chloroaniline	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Hexachlorobutadiene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
4-Chloro-3-Methylphenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2-Methylnaphthalene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Hexachlorocyclopentadiene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4,6-Trichlorophenol	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4,5-Trichlorophenol	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
2-Chloronaphthalene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2-Nitroaniline	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
Dimethyl Phthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Acenaphthylene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,6-Dinitrotoluene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
3-Nitroaniline	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
Acenaphthene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4-Dinitrophenol	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
4-Nitrophenol	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
Dibenzofuran	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
2,4-Dinitrotoluene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Diethylphthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
4-Chlorophenyl-phenylether	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Fluorene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
4-Nitroaniline	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
4,6-Dinitro-2-Methylphenol	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
N-Nitrosodiphenylamine(1)	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
4-Bromophenyl-phenylether	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Hexachlorobenzene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Pentachlorophenol	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8
Phenanthrene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Anthracene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Di-n-Butylphthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Fluoranthene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Pyrene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Butylbenzylphthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
3,3'-Dichlorobenzidine	U	0.69	U	0.66	U	0.7	U	0.71	U	0.74
Benzo(a)Anthracene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Chrysene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
bis(2-Ethylhexyl)Phthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Di-n-Octyl Phthalate	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzo(b)Fluoranthene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzo(k)Fluoranthene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzo(a)Pyrene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Indeno(1,2,3-cd)Pyrene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Dibenzo(a,h)Anthracene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37
Benzo(g,h,i)Perylene	U	0.35	U	0.33	U	0.35	U	0.36	U	0.37

SKINNER LANDFILL
Summary of BL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	BL01H		BL02B		BL02C		BL02C-RE		BL02D	
Sample Date:	02/13/90		02/12/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
bis(2-Chloroethyl)Ether	J	0.22	U	0.37	U	9.2	U	9.2	U	2.5
2-Chlorophenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
1,3-Dichlorobenzene	U	0.4	U	0.37		13		14	U	2.5
1,4-Dichlorobenzene	U	0.4	U	0.37		12		11	U	2.5
Benzyl Alcohol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
1,2-Dichlorobenzene	U	0.4	U	0.37	J	5.5	J	5.3	U	2.5
2-Methylphenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
bis(2-Chloroisopropyl)Ether	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
4-Methylphenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
N-Nitroso-Di-n-Propylamine	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Hexachloroethane	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Nitrobenzene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Isophorone	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2-Nitrophenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,4-Dimethylphenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Benzoic Acid	U	2	U	1.9	U	46	U	46		36
bis(2-Chloroethoxy)Methane	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,4-Dichlorophenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
1,2,4-Trichlorobenzene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Naphthalene		0.42	U	0.37		44		45	J	0.58
4-Chloroaniline	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Hexachlorobutadiene	U	0.4	U	0.37	J	6.7	J	6.9	U	2.5
4-Chloro-3-Methylphenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2-Methylnaphthalene	U	0.4	U	0.37		19		20	U	2.5
Hexachlorocyclopentadiene	U	0.4	U	0.37		100		100		3
2,4,6-Trichlorophenol	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,4,5-Trichlorophenol	U	2	U	1.9	U	46	U	46	U	12
2-Chloronaphthalene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2-Nitroaniline	U	2	U	1.9	U	46	U	46	U	12
Dimethyl Phthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Acenaphthylene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,6-Dinitrotoluene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
3-Nitroaniline	U	2	U	1.9	U	46	U	46	U	12
Acenaphthene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,4-Dinitrophenol	U	2	U	1.9	U	46	U	46	U	12
4-Nitrophenol	U	2	U	1.9	U	46	U	46	U	12
Dibenzofuran	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
2,4-Dinitrotoluene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Diethylphthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
4-Chlorophenyl-phenylether	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Fluorene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
4-Nitroaniline	U	2	U	1.9	U	46	U	46	U	12
4,6-Dinitro-2-Methylphenol	U	2	U	1.9	U	46	U	46	U	12
N-Nitrosodiphenylamine(1)	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
4-Bromophenyl-phenylether	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Hexachlorobenzene	U	0.4	U	0.37		47		47	U	2.5
Pentachlorophenol	U	2	U	1.9	U	46	U	46	U	12
Phenanthrene	U	0.4	U	0.37	J	7.3	J	7.6	U	2.5
Anthracene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Di-n-Butylphthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Fluoranthene	U	0.4	U	0.37	J	1.9	J	2	U	2.5
Pyrene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Butylbenzylphthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
3,3'-Dichlorobenzidine	U	0.81	U	0.74	U	18	U	18	U	5
Benzo(a)Anthracene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Chrysene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
bis(2-Ethylhexyl)Phthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Di-n-Octyl Phthalate	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Benzo(b)Fluoranthene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Benzo(k)Fluoranthene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Benzo(a)Pyrene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Indeno(1,2,3-cd)Pyrene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Dibenzo(a,h)Anthracene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5
Benzo(g,h,i)Perylene	U	0.4	U	0.37	U	9.2	U	9.2	U	2.5

SKINNER LANDFILL
Summary of BL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	BL02B		BL02G		BL03A-DP		BL03A-DP2		BL03A-MS	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
bis(2-Chloroethyl)Ether	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2-Chlorophenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
1,3-Dichlorobenzene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
1,4-Dichlorobenzene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzyl Alcohol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
1,2-Dichlorobenzene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2-Methylphenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
bis(2-Chloroisopropyl)Ether	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
4-Methylphenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
N-Nitroso-Di-n-Propylamine	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Hexachloroethane	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Nitrobenzene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Isophorone	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2-Nitrophenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,4-Dimethylphenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzoic Acid		32	U	1.8	U	1.9	U	49	U	1.9
bis(2-Chloroethoxy)Methane	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,4-Dichlorophenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
1,2,4-Trichlorobenzene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Naphthalene	J	0.68	J	0.11	U	0.38	U	9.8	U	0.37
4-Chloroaniline	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Hexachlorobutadiene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
4-Chloro-3-Methylphenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2-Methylnaphthalene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Hexachlorocyclopentadiene		3.4		0.4	U	0.38	U	9.8	U	0.37
2,4,6-Trichlorophenol	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,4,5-Trichlorophenol	U	12	U	1.8	U	1.9	U	49	U	1.9
2-Chloronaphthalene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2-Nitroaniline	U	12	U	1.8	U	1.9	U	49	U	1.9
Dimethyl Phthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Acenaphthylene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,6-Dinitrotoluene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
3-Nitroaniline	U	12	U	1.8	U	1.9	U	49	U	1.9
Acenaphthene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,4-Dinitrophenol	U	12	U	1.8	U	1.9	U	49	U	1.9
4-Nitrophenol	U	12	U	1.8	U	1.9	U	49	U	1.9
Dibenzofuran	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
2,4-Dinitrotoluene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Diethylphthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
4-Chlorophenyl-phenylether	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Fluorene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
4-Nitroaniline	U	12	U	1.8	U	1.9	U	49	U	1.9
4,6-Dinitro-2-Methylphenol	U	12	U	1.8	U	1.9	U	49	U	1.9
N-Nitrosodiphenylamine(1)	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
4-Bromophenyl-phenylether	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Hexachlorobenzene	J	0.81	J	0.24	U	0.38	U	9.8	U	0.37
Pentachlorophenol	U	12	U	1.8	U	1.9	U	49	U	1.9
Phenanthrene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Anthracene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Di-n-Butylphthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Fluoranthene	U	2.5	U	0.37	J	0.049	U	9.8	U	0.37
Pyrene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Butylbenzylphthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
3,3'-Dichlorobenzidine	U	5	U	0.73	U	0.75	U	20	U	0.74
Benzo(a)Anthracene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Chrysene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
bis(2-Ethylhexyl)Phthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Di-n-Octyl Phthalate	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzo(b)Fluoranthene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzo(k)Fluoranthene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzo(a)Pyrene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Indeno(1,2,3-cd)Pyrene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Dibenzo(a,h)Anthracene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37
Benzo(g,h,i)Perylene	U	2.5	U	0.37	U	0.38	U	9.8	U	0.37

SKINNER LANDFILL
Summary of BL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	BL01A		BL01A-FB		BL01C		BL01E		BL01G		BL01H		BL02B	
Sample Date:	02/12/90		02/12/90		02/13/90		02/13/90		02/13/90		02/13/90		02/12/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.024	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
beta-BHC	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
delta-BHC	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
gamma-BHC (Lindane)	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
Heptachlor	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
Aldrin	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
Heptachlor epoxide	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
Endosulfan I	U	0.017	U	0.016	U	0.017	U	0.017	U	0.018	U	0.019	U	0.018
Dieldrin	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
4,4'-DDE	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
Endrin	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
Endosulfan II	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
4,4'-DDD	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
Endosulfan sulfate	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
4,4'-DDT	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
Methoxychlor	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Endrin ketone	U	0.034	U	0.032	U	0.033	U	0.034	U	0.035	U	0.038	U	0.036
alpha-Chlordane	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
gamma-Chlordane	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Toxaphene	U	0.34	U	0.32	U	0.33	U	0.34	U	0.35	U	0.38	U	0.36
Aroclor-1016	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Aroclor-1221	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Aroclor-1232	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Aroclor-1242	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Aroclor-1248	U	0.17	U	0.16	U	0.17	U	0.17	U	0.18	U	0.19	U	0.18
Aroclor-1254	U	0.34	U	0.32	U	0.33	U	0.34	U	0.35	U	0.38	U	0.36
Aroclor-1260	U	0.34	U	0.32	U	0.33	U	0.34	U	0.35	U	0.38	U	0.36

SKINNER LANDFILL
Summary of BL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	BL02C		BL02D		BL02E		BL02G		BL03A-DP		BL03A-MS		BL03A-MSD	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
beta-BHC	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
delta-BHC	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
gamma-BHC (Lindane)	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
Heptachlor	U	0.65		0.05		0.054	U	0.017	U	0.018	U	0.018	U	0.13
Aldrin	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
Heptachlor epoxide	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
Endosulfan I	U	0.65	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.13
Dieldrin	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
4,4'-DDE	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
Endrin	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
Endosulfan II	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
4,4'-DDD	U	1.3	U	0.034	U	0.034	U	0.035		0.079	U	0.035	U	0.27
Endosulfan sulfate	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
4,4'-DDT	U	1.3	U	0.034	U	0.034	U	0.035		0.055	U	0.035	U	0.27
Methoxychlor	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Endrin ketone	U	1.3	U	0.034	U	0.034	U	0.035	U	0.036	U	0.035	U	0.27
alpha-Chlordane	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
gamma-Chlordane	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Toxaphene	U	13	U	0.34	U	0.34	U	0.35	U	0.36	U	0.35	U	2.7
Aroclor-1016	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Aroclor-1221	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Aroclor-1232	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Aroclor-1242	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Aroclor-1248	U	6.5	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	1.3
Aroclor-1254	U	13	U	0.34	U	0.34	U	0.35	U	0.36	U	0.35	U	2.7
Aroclor-1260	U	13	U	0.34	U	0.34	U	0.35	U	0.36	U	0.35	U	2.7

SKINNER LANDFILL
Summary of BL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	BL01A		BL01A-FB		BL01C		BL01E		BL01G		BL01H		BL02B	
Sample Date:	02/13/90		02/13/90		02/13/90		02/13/90		02/13/90		02/14/90		02/12/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	3500	BJP	28.8	P	3130	P	4300	P	4010	P	2560	P	5460
Antimony	BNJP	4.3	UNRP	3.8	BNJP	8	UNRP	4.2	UNRP	4.3	BNRP	6.1	BNJP	8
Arsenic	F	6.1	BF	0.67	F	4.6	F	9	F	4.6	F	3.7	F	5.8
Barium	BP	25.4	UP	2	BP	28.5	P	52.8	BP	22.7	BP	20.2	BP	32
Beryllium	BJP	0.41	BJP	0.34	BJP	0.79	BJP	0.82	BJP	0.95	BJP	0.93	BJP	0.85
Cadmium	UP	0.78	UP	0.79	UP	0.83	UP	0.88	UP	0.9	UP	0.86	UP	0.85
Calcium	P	215000	BP	378	P	210000	P	180000	P	157000	P	131000	P	137000
Chromium	UP	0.98	JP	2	UP	1	UP	1.1	UP	1.1	UP	1.1	UP	1.1
Cobalt	BP	4.8	UP	0.99	BJP	4.2	BJP	4.4	BJP	4.3	BJP	3.9	BJP	5.9
Copper	P	20.9	BJP	4.4	P	13.3	P	14.9	P	14.2	P	15.8	P	19.3
Iron	P	11800	P	61.9	P	11700	P	14400	P	11300	P	8030	P	11800
Lead	NJF	9.6	NJF	0.64	NJF	8.5	NJF	9.2	NJF	6.9	NJF	7.6	NJF	8
Magnesium	JP	28500	BJP	86.1	JP	24500	JP	20500	JP	26600	JP	20500	JP	28300
Manganese	JP	705	BJP	0.42	JP	682	JP	642	JP	629	JP	351	JP	437
Mercury	UCV	0.11	UCV	0.09	UCV	0.11	UCV	0.11	UCV	0.11	UCV	0.11	UCV	0.09
Nickel	BP	6.3	UP	3.8	BP	6.9	BP	8.1	P	10.1	UP	4.1	P	10.3
Potassium	P	1060	UP	158	P	1130	P	1540	P	1480	BP	959	P	1570
Selenium	UF	0.44	UF	0.42	UF	0.47	UF	0.49	UF	0.45	UF	0.48	UF	0.49
Silver	UP	0.59	UP	0.6	UP	0.62	UP	0.66	UP	0.68	UP	0.65	UP	0.64
Sodium	BP	192	BP	31.6	BP	254	BP	227	BP	201	BP	200	BP	187
Thallium	UF	0.44	UF	0.42	UF	0.47	UF	0.49	UF	0.45	UF	0.48	UF	0.49
Vanadium	BP	9.3	UP	0.79	P	10.4	P	11.6	P	12	BP	9.4	P	14
Zinc	P	52.3	JP	14.8	P	51.2	P	46	P	50.7	P	45.5	P	57.8
Cyanide	UC	2.1	UC	2	UC	2.1	UC	2.2	UC	2.3	UC	2.4	C	2.6

SKINNER LANDFILL
Summary of BL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	BL02C		BL02D		BL02E		BL02G		BL03A-DP		BL03A-MS	
Sample Date:	02/12/90		02/12/90		02/12/90		02/12/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	3640	P	4820	P	5640	P	2880	P	3140	P	3520
Antimony	BNJP	4.1	BNJP	4.6	UNRP	4.1	UNRP	4.1	BNJP	5.1	BNJP	4
Arsenic	F	7.5	F	4.8	F	5.1	F	4.5	F	6.2	F	4.8
Barium	BP	30.2	BP	37	BP	37.6	P	53.8	BP	24.6	BP	23.7
Beryllium	BJP	0.69	BJP	0.78	BJP	0.91	BJP	0.84	BJP	0.74	BJP	0.62
Cadmium	P	1.1	UP	0.82	UP	0.87	UP	0.86	P	1.4	UP	0.8
Calcium	P	210000	P	159000	P	165000	P	117000	P	186000	P	263000
Chromium	UP	1.1	UP	1	UP	1.1	UP	1.1	UP	1.1	UP	1
Cobalt	BJP	4.7	BJP	6.6	BJP	5.9	BJP	3.9	BJP	5.5	BJP	4.5
Copper	P	15.6	P	18.8	P	16.8	P	15	P	18.5	P	18.1
Iron	P	9920	P	13600	P	14100	P	9610	P	8130	P	9440
Lead	NJF	9.8	NJF	7.6	NJF	8.4	NJF	6.7	NJF	11.9	NJF	8.8
Magnesium	JP	25500	JP	26300	JP	25600	JP	32500	JP	61100	JP	28100
Manganese	JP	744	JP	595	JP	554	JP	378	JP	399	JP	649
Mercury	UCV	0.12	UCV	0.11	UCV	0.11	UCV	0.12	UCV	0.11	UCV	0.11
Nickel	P	9	P	9.4	P	13.5	BP	6.6	UP	4.2	BP	6.3
Potassium	P	1280	P	1580	P	1770	BP	835	P	1100	P	1360
Selenium	UF	0.45	UF	0.48	UWUJF	0.48	UF	0.49	UF	0.49	UF	0.47
Silver	UP	0.63	BJP	0.72	BJP	0.74	UP	0.64	UP	0.66	UP	0.6
Sodium	BP	190	BP	209	BP	201	BP	152	BP	224	BP	201
Thallium	UF	0.45	UF	0.48	UF	0.48	UF	0.49	UF	0.49	UF	0.47
Vanadium	BP	10.4	P	11.9	P	13.3	BP	10.4	BP	10.5	BP	8.9
Zinc	P	49.4	P	53.5	P	66.6	P	48.2	P	45.3	P	48.4
Cyanide	UC	2.3	UC	2.2	UC	2.2	C	3.6	UC	2.3	UC	2.2

SKINNER LANDFILL
Summary of BL Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
BL01A	02/13/90		53400
BL01A-FB	02/13/90	U	1000
BL01C	02/13/90		43200
BL01E	02/13/90		30400
BL01G	02/13/90		35900
BL01H	02/14/90		51700
BL02B	02/12/90		28500
BL02C	02/11/90		51100
BL02D	02/11/90		33400
BL02E	02/11/90		26900
BL02G	02/11/90		44900
BL03A-DP	02/11/90		40700
BL03A-MS	02/11/90	R	65000

SKINNER LANDFILL
Summary of BL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	BL01A		BL01A-FB		BL01C		BL01E		BL01G		BL01H		BL02B	
Sample Date:	02/13/90		02/13/90		02/13/90		02/13/90		02/13/90		02/14/90		02/12/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.12		0.0099		0.038		0.00057		0.0033		0.095		0.012
Hexachlorocylopentadiene	U	0.51	U	0.031	U	0.032	U	0.031	U	0.032	U	0.035	U	0.039
Hexachlorobutadiene	U	0.011		0.025	U	0.00085	U	0.0009	U	0.00091	U	0.00094	U	0.00094
Octachlorocyclopentene		0.83		0.04	U	0.0083	U	0.0081	U	0.0082	U	0.0091	U	0.0092
1,2,3,4,5,7,7-Heptachloronorborene		0.083	U	0.0007	U	0.00073	U	0.00075		0.0017	U	0.0008	U	0.00081
Chlordene		0.078	U	0.00096	U	0.001	U	0.001		0.0011	U	0.0011	U	0.0011

SKINNER LANDFILL
Summary of BL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWRS Sample Id:	BL02C		BL02C-DL1		BL02C-DL2		BL02D		BL02D-DL		BL02E		BL02E-DL1	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		11		8.7		9.2		0.72		1	*			4.7
Hexachlorocylopentadiene		5	*	1		6.4		0.86	U	4.9	*			12
Hexachlorobutadiene		0.25		0.15	U	0.59		0.084	U	0.13		0.46		0.55
Octachlorocyclopentene		38		36		27		15		10	*		*	
1,2,3,4,5,7,7-Heptachloronorbornene		5.5		2.6		2.4		0.62		0.83	*			0.9
Chlordene		2.1		1.3		1.3		0.037		0.46	*			2.5

SKINNER LANDFILL
Summary of BL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	BL02E-DL2		BL02G		BL03A-DP		BL03A-MS	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		6.6		0.13		0.051		0.0061
Hexachlorocyclopentadiene		10	U	0.49	U	0.39	U	0.034
Hexachlorobutadiene	U	0.51	U	0.013	U	0.011	U	0.00092
Octachlorocyclopentene		87		1.3	U	0.1	U	0.009
1,2,3,4,5,7,7-Heptachloronorbornene		6		0.085	U	0.009	U	0.00079
Chlordane		3.2		0.076	U	0.012	U	0.0011

SKINNER LANDFILL
Summary of BL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	BL01A		BL01A-FB		BL01C		BL01E		BL01G		BL01H		BL02B	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.3	U	1.2	U	1.1	U	2	U	2.9	U	0.7	U	1.3
Total TETRA CDD	U	1.3	U	1.2	U	1.1	U	2	U	2.9	U	0.7	U	1.3
Total PENTA CDD	U	0.9	U	1	U	3.7	U	4.7	U	5.2	U	2	U	1.7
Total HEXA CDD	U	0.8	U	4.3	U	0.4	U	0.8	U	6.5	U	4.4	U	1.7
Total HEPTA CDD	U	1.7	U	4.6	U	3.7	U	3.4	U	3	U	2.1	U	1.3
Total OCTA CDD	U	4.5	U	3.1	U	4.4	U	5.5	U	4.1	U	3.6	U	4
2,3,7,8-TCDF	U	0.4	U	0.7	U	0.3	U	0.7	U	0.8	U	0.5	U	0.5
Total TETRA CDF	U	0.4	U	0.7	U	0.3	U	0.7	U	0.8	U	0.5	U	0.5
Total PENTA CDF		19.8	U	1	U	1	U	0.2	U	1.2	U	1	U	0.2
Total HEXA CDF	U	0.8	U	0.4	U	1	U	1	U	1.4	U	0.7	U	0.6
Total HEPTA CDF	U	1.8	U	1.1	U	1.4	U	5.3	U	1.2	U	1.9	U	1
Total OCTA CDD	U	2.3	U	2.9	U	2.5	U	2.6	U	2.5	U	4	U	2.2

SKINNER LANDFILL
Summary of BL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	BL02C		BL02D		BL02E		BL02G		BL03A-DP		BL03A		BL03A-MS	
Sample Date:	02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90		02/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.3	U	1.7	U	1.7	U	1.8	U	1.5	U	2.6		27.6
Total TETRA CDD	U	1.3	U	1.7	U	1.7	U	1.8	U	1.5	U	2.6		27.6
Total PENTA CDD	U	1.7	U	0.9	U	3.6	U	1	U	0.6	U	3.1		172.7
Total HEXA CDD	U	4.6	U	3.4	U	4.1	U	3.4	U	2	U	3.2		178.4
Total HEPTA CDD	U	8.3	U	1.6	U	6.7	U	3.6	U	4.5	U	1.4	U	4.8
Total OCTA CDD	U	8.9	U	4.3	U	3.6	U	4.1	U	1	U	2.6	U	5.6
2,3,7,8-TCDF	U	0.5	U	0.5	U	1	U	0.8	U	0.5	U	0.6		21
Total TETRA CDF	U	0.5	U	0.5	U	1	U	0.8	U	0.5	U	0.6		21
Total PENTA CDF	U	0.9		47.2		39.6	U	0.5	U	1	U	0.6	U	1
Total HEXA CDF	U	1.6	U	0.7	U	1.5	U	0.8	U	0.9	U	1.1	U	0.8
Total HEPTA CDF	U	4.8	U	2.4	U	4.1	U	2.9	U	2.6	U	1.4		119
Total OCTA CDD	U	11.2	U	6.4	U	5.9	U	1.8	U	1.5	U	5.5		282

SKINNER LANDFILL
Summary of BL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	BL03A-MSD	
Sample Date:	02/11/90	
Compound Name	Qual	Conc
2,3,7,8-TCDD		29.4
Total TETRA CDD		29.4
Total PENTA CDD		164.5
Total HEXA CDD		153.8
Total HEPTA CDD	U	5.2
Total OCTA CDD	U	1.7
2,3,7,8-TCDF		22
Total TETRA CDF		22
Total PENTA CDF	U	0.7
Total HEXA CDF	U	3.4
Total HEPTA CDF		104
Total OCTA CDD		261

Leachate Sediment (LS)

SKINNER LANDFILL
Summary of HA Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
HA01A	04/07/90		38700
HA01B	04/07/90		20900
HA01B-DP	04/07/90		44500
HA02A	04/07/90		49400
HA02B	04/07/90		17000
HA03A	04/07/90		35700
HA03A-FB	04/07/90	U	100
HA03B	04/07/90		17600

SKINNER LANDFILL
Summary of HA Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	HA01A		HA01B		HA01B-DP		HA02A		HA02B		HA03A		HA03A-FB	
Sample Date:	04/04/90		04/04/90		04/04/90		04/04/90		04/04/90		04/04/90		04/04/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.00044	U	0.00048	U	0.00047	U	0.00056	U	0.0005	U	0.0005	U	0.00038
Hexachlorocylopentadiene	U	0.035	U	0.038	U	0.037	U	0.044	U	0.04	U	0.039	U	0.03
Hexachlorobutadiene	U	0.00093	U	0.00102	U	0.001		0.0017	U	0.0011	U	0.0011	U	0.00082
Octachlorocyclopentene	U	0.0091	U	0.01	U	0.0097	U	0.012	U	0.01	U	0.01	U	0.008
1,2,3,4,5,7,7-Heptachloronorb	U	0.00079	U	0.00088		0.0011	U	0.001	U	0.00091	U	0.0009	U	0.0007
Chlordene	U	0.0011	U	0.0012	U	0.0012	U	0.0014	U	0.0012	U	0.0012	U	0.00095

SKINNER LANDFILL
Summary of HA Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:		HA03B
Sample Date:		04/04/90
Compound Name	Qual	Conc
Hexachlorobenzene	U	0.00062
Hexachlorocylopentadiene	U	0.049
Hexachlorobutadiene		0.0041
Octachlorocyclopentene	U	0.013
1,2,3,4,5,7,7-Heptachloronorb		0.0017
Chlordene	U	0.0015

SKINNER LANDFILL
Summary of HA Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	HA01A		HA01B		HA01B-DP		HA02A		HA02B		HA03A		HA03A-FB	
Sample Date:	04/04/90		04/04/90		04/04/90		04/04/90		04/04/90		04/04/90		04/04/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
beta-BHC	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
delta-BHC	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
gamma-BHC (Lindane)	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
Heptachlor	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
Aldrin	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
Heptachlor epoxide	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
Endosulfan I	U	0.014	U	0.017	U	0.017	U	0.021	U	0.017	U	0.016	U	0.019
Dieldrin	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
4,4'-DDE	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
Endrin	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
Endosulfan II	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
4,4'-DDD	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
Endosulfan sulfate	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
4,4'-DDT	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
Methoxychlor	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Endrin ketone	U	0.029	U	0.035	U	0.034	U	0.042	U	0.034	U	0.033	U	0.039
alpha-Chlordane	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
gamma-Chlordane	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Toxaphene	U	0.29	U	0.35	U	0.34	U	0.42	U	0.34	U	0.33	U	0.39
Aroclor-1016	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Aroclor-1221	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Aroclor-1232	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Aroclor-1242	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Aroclor-1248	U	0.14	U	0.17	U	0.17	U	0.21	U	0.17	U	0.16	U	0.19
Aroclor-1254	J	0.19		1.4		0.34	U	0.42	U	0.34	J	0.14	U	0.39
Aroclor-1260	U	0.29	U	0.35	U	0.34	U	0.42	U	0.34	U	0.33	U	0.39

SKINNER LANDFILL
Summary of HA Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:		HA03B
Sample Date:		04/04/89
Compound Name	Qual	Conc
alpha-BHC	U	0.021
beta-BHC	U	0.021
delta-BHC	U	0.021
gamma-BHC (Lindane)	U	0.021
Heptachlor	U	0.021
Aldrin	U	0.021
Heptachlor epoxide	U	0.021
Endosulfan I	U	0.021
Dieldrin	U	0.042
4,4'-DDE	U	0.042
Endrin	U	0.042
Endosulfan II	U	0.042
4,4'-DDD	U	0.042
Endosulfan sulfate	U	0.042
4,4'-DDT	U	0.042
Methoxychlor	U	0.21
Endrin ketone	U	0.042
alpha-Chlordane	U	0.21
gamma-Chlordane	U	0.21
Toxaphene	U	0.42
Aroclor-1016	U	0.21
Aroclor-1221	U	0.21
Aroclor-1232	U	0.21
Aroclor-1242	U	0.21
Aroclor-1248	U	0.21
Aroclor-1254	J	0.3
Aroclor-1260	U	0.42

SKINNER LANDFILL
Summary of HA Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	HA01A		HA01B		HA01B-DP		HA02A		HA02B		HA03A		HA03A-PB	
Sample Date:	04/02/90		04/02/90		04/02/90		04/02/90		04/02/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	4270	P	5520	P	6060	P	15400	P	13300	P	18100	BP	39.5
Antimony	UNP	4.9	UNP	5	UNP	5.1	UNP	6.4	UNP	5.5	UNP	5.4	UNP	4.2
Arsenic	SNF	4.4	NF	6.3	NF	5.4	NF	6.4	NF	5.6	NF	6.7	BNF	0.24
Barium	BP	40.2	P	80.1	P	106	P	84.8	P	68.1	P	91.4	UP	1.2
Beryllium	BP	0.35	BP	0.41	BP	0.41	BP	0.8	BP	0.7	BP	0.94	UP	0.2
Cadmium	BP	1	P	1.2	P	1.9	UP	0.91	UP	0.79	UP	0.78	UP	0.6
Calcium	P	157000	P	129000	P	150000	P	21600	P	40100	P	33900	BP	92.3
Chromium	P	13	P	22.5	P	97	P	20	P	31.8	P	24.3	UP	1.8
Cobalt	BP	3.1	BP	3.6	BP	3.5	BP	7.1	BP	4.2	BP	7	UP	1
Copper	P	23.1	P	53.5	P	73	P	26.3	P	26.6	P	22.6	BP	0.7
Iron	P	12400	P	17700	P	23500	P	35400	P	46500	P	33900	P	135
Lead	SF	27.3	F	169	F	128	F	34.3	F	30.2	F	24.1	BF	0.4
Magnesium	P	29100	P	24900	P	19800	P	5080	P	5970	P	6070	BP	36
Manganese	NP	415	NP	914	NP	933	NP	822	NP	818	NP	902	BNP	1.5
Mercury	UCV	0.1	CV	0.1	CV	0.2	CV	1	UCV	0.13	UCV	0.12	UCV	0.1
Nickel	P	17.7	P	36.5	P	44.3	P	28.1	P	25.1	P	32	BP	5.3
Potassium	BP	740	BP	838	BP	771	P	1940	P	1550	P	1740	UP	82.6
Selenium	UWF	0.47	UWF	0.47	UWF	0.49	UF	0.61	UF	0.53	UF	0.52	UF	0.4
Silver	UP	0.47	UP	0.47	BP	0.54	UP	0.61	UP	0.53	UP	0.52	UP	0.4
Sodium	BP	165	BP	155	BP	187	BP	107	BP	109	BP	103	UP	38.6
Thallium	UF	0.47	UF	0.47	UF	0.49	UF	0.61	UF	0.53	UF	0.52	UF	0.4
Vanadium	BP	9.6	BP	11.2	P	13.6	P	27.1	P	21.5	P	32.1	BP	0.58
Zinc	P	75.4	P	185	P	288	P	97.3	P	86.5	P	81.6	BP	0.54
Cyanide	UNC	1.2	UNC	1.2	UNC	1.2	UNC	1.5	UNC	1.3	UNC	1.3	UNC	1

SKINNER LANDFILL
Summary of HA Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:		HA03B
Sample Date:		04/02/90
Compound Name	Qual	Conc
Aluminum	P	10400
Antimony	UNP	7.2
Arsenic	NF	6.7
Barium	P	73.3
Beryllium	BP	0.53
Cadmium	UP	1
Calcium	P	12800
Chromium	P	35.7
Cobalt	UP	1.7
Copper	P	46.2
Iron	P	48300
Lead	F	65
Magnesium	P	3000
Manganese	NP	496
Mercury	UCV	0.15
Nickel	P	15.2
Potassium	BP	1020
Selenium	UF	0.68
Silver	UP	0.68
Sodium	BP	86.8
Thallium	UF	0.68
Vanadium	P	17.5
Zinc	P	166
Cyanide	UNC	1.8

SKINNER LANDFILL
Summary of HA Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWRI Sample ID:	HA03A		HA03A-FR		HA03B	
Sample Date:	04/04/90		04/04/90		04/04/90	
Compound Name:	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.68	U	0.79	U	0.86
bis(2-Chloroethyl)Ether	U	0.68	U	0.79	U	0.86
2-Chlorophenol	U	0.68	U	0.79	U	0.86
1,3-Dichlorobenzene	U	0.68	U	0.79	U	0.86
1,4-Dichlorobenzene	U	0.68	U	0.79	U	0.86
Benzyl Alcohol	U	0.68	U	0.79	U	0.86
1,2-Dichlorobenzene	U	0.68	U	0.79	U	0.86
2-Methylphenol	U	0.68	U	0.79	U	0.86
bis(2-Chloroisopropyl)Ether	U	0.68	U	0.79	U	0.86
4-Methylphenol	U	0.68	U	0.79	JX	0.14
N-Nitroso-Di-n-Propylamine	U	0.68	U	0.79	U	0.86
Hexachloroethane	U	0.68	U	0.79	U	0.86
Nitrobenzene	U	0.68	U	0.79	U	0.86
Isophorone	U	0.68	U	0.79	U	0.86
2-Nitrophenol	U	0.68	U	0.79	U	0.86
2,4-Dimethylphenol	U	0.68	U	0.79	U	0.86
Benzoic Acid	U	3.3	U	3.9	U	4.2
bis(2-Chloroethoxy)Methane	U	0.68	U	0.79	U	0.86
2,4-Dichlorophenol	U	0.68	U	0.79	U	0.86
1,2,4-Trichlorobenzene	U	0.68	U	0.79	U	0.86
Naphthalene	U	0.68	U	0.79	U	0.86
4-Chloroaniline	U	0.68	U	0.79	U	0.86
Hexachlorobutadiene	U	0.68	U	0.79	U	0.86
4-Chloro-3-Methylphenol	U	0.68	U	0.79	U	0.86
2-Methylnaphthalene	U	0.68	U	0.79	U	0.86
Hexachlorocyclopentadiene	U	0.68	U	0.79	U	0.86
2,4,6-Trichlorophenol	U	0.68	U	0.79	U	0.86
2,4,5-Trichlorophenol	U	3.3	U	3.9	U	4.2
2-Chloronaphthalene	U	0.68	U	0.79	U	0.86
2-Nitroaniline	U	3.3	U	3.9	U	4.2
Dimethyl Phthalate	U	0.68	U	0.79	U	0.86
Acenaphthylene	U	0.68	U	0.79	U	0.86
2,6-Dinitrotoluene	U	0.68	U	0.79	U	0.86
3-Nitroaniline	U	3.3	U	3.9	U	4.2
Acenaphthene	U	0.68	U	0.79	U	0.86
2,4-Dinitrophenol	U	3.3	U	3.9	U	4.2
4-Nitrophenol	U	3.3	U	3.9	U	4.2
Dibenzofuran	U	0.68	U	0.79	U	0.86
2,4-Dinitrotoluene	U	0.68	U	0.79	U	0.86
Diethylphthalate	U	0.68	J	0.31	U	0.86
4-Chlorophenyl-phenylether	U	0.68	U	0.79	U	0.86
Fluorene	U	0.68	U	0.79	U	0.86
4-Nitroaniline	U	3.3	U	3.9	U	4.2
4,6-Dinitro-2-Methylphenol	U	3.3	U	3.9	U	4.2
N-Nitrosodiphenylamine(1)	U	0.68	U	0.79	U	0.86
4-Bromophenyl-phenylether	U	0.68	U	0.79	U	0.86
Hexachlorobenzene	U	0.68	U	0.79	U	0.86
Pentachlorophenol	U	3.3	U	3.9	U	4.2
Phenanthrene	J	0.093	U	0.79	U	0.86
Anthracene	U	0.68	U	0.79	U	0.86
Di-n-Butylphthalate	U	0.68	U	0.79	U	0.86
Fluoranthene	J	0.16	U	0.79	J	0.16
Pyrene	J	0.14	U	0.79	J	0.13
Butylbenzylphthalate	U	0.68	U	0.79	U	0.86
3,3'-Dichlorobenzidine	U	1.4	U	1.6	U	1.7
Benzo(a)Anthracene	J	0.069	U	0.79	J	0.07
Chrysene	J	0.1	U	0.79	J	0.096
bis(2-Ethylhexyl)Phthalate	U	0.86	U	0.8	U	1.1
Di-n-Octyl Phthalate	U	0.68	U	0.79	U	0.86
Benzo(b)Fluoranthene	J	0.071	J	0.79	U	0.86
Benzo(k)Fluoranthene	J	0.087	U	0.79	U	0.86
Benzo(a)Pyrene	U	0.68	U	0.79	U	0.86
Indeno(1,2,3-cd)Pyrene	U	0.69	U	0.79	U	0.86
Dibenzo(a,h)Anthracene	U	0.68	U	0.79	U	0.86
Benzo(g,h,i)Perylene	U	0.68	U	0.79	U	0.86

SKINNER LANDFILL
Summary of HA Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWSE Sample ID	HA01A		HA01B		HA01B-DP		HA02A		HA02B	
Sample Date	04/04/90		04/04/90		04/04/90		04/04/90		04/04/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
bis(2-Chloroethyl)Ether	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2-Chlorophenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
1,3-Dichlorobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
1,4-Dichlorobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Benzyl Alcohol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
1,2-Dichlorobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2-Methylphenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
bis(2-Chloroisopropyl)Ether	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Methylphenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
N-Nitroso-Di-n-Propylamine	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Hexachloroethane	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Nitrobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Isophorone	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2-Nitrophenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4-Dimethylphenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Benzoic Acid	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
bis(2-Chloroethoxy)Methane	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4-Dichlorophenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
1,2,4-Trichlorobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Naphthalene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Chloroaniline	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Hexachlorobutadiene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Chloro-3-Methylphenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2-Methylnaphthalene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Hexachlorocyclopentadiene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4,6-Trichlorophenol	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4,5-Trichlorophenol	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
2-Chloronaphthalene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2-Nitroaniline	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
Dimethyl Phthalate	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Acenaphthylene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,6-Dinitrotoluene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
3-Nitroaniline	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
Acenaphthene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4-Dinitrophenol	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
4-Nitrophenol	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
Dibenzofuran	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
2,4-Dinitrotoluene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Diethylphthalate	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Chlorophenyl-phenylether	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Fluorene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Nitroaniline	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
4,6-Dinitro-2-Methylphenol	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
N-Nitrosodiphenylamine(1)	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
4-Bromophenyl-phenylether	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Hexachlorobenzene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Pentachlorophenol	U	2.9	U	3.5	U	3.4	U	4.2	U	3.4
Phenanthrene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Anthracene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Di-n-Butylphthalate	U	0.59	U	0.72	J	0.3	U	0.86	U	0.69
Fluoranthene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Pyrene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Butylbenzylphthalate	U	0.59	U	0.72	J	0.48	U	0.86	U	0.69
3,3'-Dichlorobenzidine	U	1.2	U	1.4	U	1.4	U	1.7	U	1.4
Benzo(a)Anthracene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Chrysene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
bis(2-Ethylhexyl)Phthalate	U	0.7	U	0.87		12	U	0.89	U	0.69
Di-n-Octyl Phthalate	U	0.59	U	0.72		0.96	U	0.86	U	0.69
Benzo(b)Fluoranthene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Benzo(k)Fluoranthene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Benzo(a)Pyrene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Indeno(1,2,3-cd)Pyrene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Dibenzo(a,h)Anthracene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69
Benzo(g,h,i)Perylene	U	0.59	U	0.72	U	0.7	U	0.86	U	0.69

SKINNER LANDFILL
Summary of HA Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	HA01A		HA01A-AB		HA01B		HA01B-DP		HA02A		HA02B		HA03A	
Sample Date:	04/07/90		04/04/90		04/07/90		04/07/90		04/07/90		04/07/90		04/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Bromomethane	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Vinyl Chloride	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Chloroethane	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Methylene Chloride		0.009	U	5	J	0.003	J	0.003	U	0.008		0.037	J	0.004
Acetone	U	0.014	U	10	U	0.012	U	0.011	U	0.016	U	0.045	U	0.024
Carbon Disulfide	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,1-Dichloroethene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,1-Dichloroethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,2-Dichloroethene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Chloroform	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,2-Dichloroethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
2-Butanone	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
1,1,1-Trichloroethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Carbon Tetrachloride	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Vinyl Acetate	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Bromodichloromethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,2-Dichloropropane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
cis-1,3-Dichloropropene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Trichloroethene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Dibromochloromethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,1,2-Trichloroethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Benzene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
trans-1,3-Dichloropropene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Bromoform	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
4-Methyl-2-Pentanone	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
2-Hexanone	U	0.011	U	10	U	0.012	U	0.011	U	0.016	U	0.012	U	0.013
Tetrachloroethene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
1,1,2,2-Tetrachloroethane	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Toluene	J	0.003	U	5	J	0.004	J	0.003	U	0.008	U	0.006	U	0.006
Chlorobenzene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	J	0.002	U	0.006
Ethylbenzene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Styrene	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006
Xylene (total)	U	0.006	U	5	U	0.006	U	0.006	U	0.008	U	0.006	U	0.006

SKINNER LANDFILL
Summary of HA Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	HA03A-AB		HA03A-FB		HA03B	
Sample Date:	04/04/90		04/07/90		04/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	0.01	U	0.014
Bromomethane	U	10	U	0.01	U	0.014
Vinyl Chloride	U	10	U	0.01	U	0.014
Chloroethane	U	10	U	0.01	U	0.014
Methylene Chloride	J	4	J	0.003		0.036
Acetone		39	U	0.01	U	0.16
Carbon Disulfide	U	5	U	0.005	U	0.007
1,1-Dichloroethene	U	5	U	0.005	U	0.007
1,1-Dichloroethane	U	5	U	0.005	U	0.007
1,2-Dichloroethene	U	5	U	0.005	U	0.007
Chloroform	U	5	U	0.005	U	0.007
1,2-Dichloroethane	U	5	U	0.005	U	0.007
2-Butanone	U	10	U	0.01		0.045
1,1,1-Trichloroethane	U	5	U	0.005	U	0.007
Carbon Tetrachloride	U	5	U	0.005	U	0.007
Vinyl Acetate	U	10	U	0.01	U	0.014
Bromodichloromethane	U	5	U	0.005	U	0.007
1,2-Dichloropropane	U	5	U	0.005	U	0.007
cis-1,3-Dichloropropene	U	5	U	0.005	U	0.007
Trichloroethene	U	5	U	0.005	U	0.007
Dibromochloromethane	U	5	U	0.005	U	0.007
1,1,2-Trichloroethane	U	5	U	0.005	U	0.007
Benzene	U	5	U	0.005	U	0.007
trans-1,3-Dichloropropene	U	5	U	0.005	U	0.007
Bromoform	U	5	U	0.005	U	0.007
4-Methyl-2-Pentanone	U	10	U	0.01	U	0.014
2-Hexanone	U	10	U	0.01	U	0.014
Tetrachloroethene	U	5	U	0.005	U	0.007
1,1,2,2-Tetrachloroethane	U	5	U	0.005	U	0.007
Toluene	U	5	U	0.005	J	0.006
Chlorobenzene	U	5	U	0.005	U	0.007
Ethylbenzene	U	5	U	0.005	U	0.007
Styrene	U	5	U	0.005	U	0.007
Xylene (total)	U	5	U	0.005	U	0.007

Hand Auger Borings (HA)

SKINNER LANDFILL
Summary of WW Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:		WW07		WW09		WW10		WW10-DP		WW11-MS		WW12		WW12-DP
Sample Date:		06/06/90		05/14/90		05/14/90		05/14/90		05/14/90		06/06/90		06/06/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		380		340		330		300		470		590		580
Ammonia Nitrogen	U	0.1		3.8		1.3		1.2		0.11		4.1		3.6
BOD,5-day	U	2		3.3		4.4		5.7	U	2		16		11
Chloride		62		130		59		54		82		150		170
COD		44	U	2		76		83		35		78		93
Nitrate/Nitrite		1.1		0.06		1.8		1.7		2		0.85		1.3
pH		6.7		7.3		7.4		7.4		7.1		7		7
Sulfate		68	U	5		200		200		550		440		520
TKN														
Phosphorus,total		2.9		0.06		1.6		1.5		0.58		1.4		1.1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWBS Sample Id:		WWB8
Sample Date:		05/16/90
Compound Name	Qual	Conc
Hexachlorobenzene	U	0.019
Hexachlorocylopentadiene	U	0.047
Hexachlorobutadiene	U	0.0076
Octachlorocyclopentene	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057
Chlordene	U	0.057

SKINNER LANDFILL
Summary of WW Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:		WW23		WW24		WW26		WW27		WW28		WW29		WW30
Sample Date:		04/22/90		05/01/90		06/06/90		05/18/90		06/06/90		05/01/90		05/01/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		360		960		250		340		320		230		290
Ammonia Nitrogen		1.3		1.4		1.9		1.5		2.3		0.76		2.2
BOD,5-day		15.3	U	2	U	2		3.5	U	2	U	2	U	2
Chloride		11		18		330		140		450		10		150
COD	U	5		130		28		8.7		30		27	U	5
Nitrate/Nitrite		0.4		0.11		0.13		0.01		0.23		0.27		0.04
pH		7.8		7.2		7.8		7.4		8.2		7.3		7.6
Sulfate		54		81	U	5	U	5		130		77	U	5
TKN		0.33												
Phosphorus,total		2.3		6.4		0.91		0.45		1.5		1		0.39

SKINNER LANDFILL
Summary of WW Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:		WW14		WW15		WW17		WW17-FB		WW18		WW19		WW20
Sample Date:		06/06/90		06/06/90		06/06/90		06/06/90		06/06/90		05/18/90		05/18/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		200		540		630	U	5		720		370		2270
Ammonia Nitrogen		0.14		2.6		50	U	0.1		59		0.19		15
BOD,5-day	U	2		19		6.3	U	2		9.1		25		62
Chloride		8.3		51		67	U	1		67		82		290
COD		33		44		100	U	5		150		48		220
Nitrate/Nitrite		0.96		0.19		0.31		0.02		0.31	U	0.01	U	0.01
pH		7.7		6.9		6.7		5.9		6.7		7.1		6.8
Sulfate		30		68		12	U	5		14		74		440
TKN														
Phosphorus,total		4.8		7.2		0.97	U	0.02		3.6		1.6		10

SKINNER LANDFILL
Summary of WW Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	WW30-FB		WW31		WW31-DP		WW32		WW32-DP		WW33		WW33-DP	
Sample Date:	05/01/90		05/01/90		05/01/90		04/22/90		04/22/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total	U	5		1330		640		280		280		360		330
Ammonia Nitrogen	U	0.1		4.4		3.2		4.1		3.9		0.92		1.5
BOD,5-day	U	2	U	2	U	2	U	5.93	U	5.93	U	15.3		15.3
Chloride	U	1		210		200		630		620		86		85
COD	U	5		90		75		13		17		12		16
Nitrate/Nitrite		0.04		0.32		0.25		0.3		0.19		0.93		0.97
pH		5.6		7.9		7.8		7.6		7.7		7.2		7.2
Sulfate	U	5		16		20		5.7		5.6		130		120
TKN								3.7		3.4		0.68		1.5
Phosphorus,total	U	0.02		8.9		8.4		1.2		0.93		2.1		1.3

SKINNER LANDFILL
Summary of WW Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	WW35-MS		WW36		WW36-FB		WW38		WW38-FB		WWB5		WWB5-FB	
Sample Date:	04/22/90		04/22/90		04/22/90		05/01/90		06/06/90		05/17/90		05/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		270		420		5		300	U	5		380		5
Ammonia Nitrogen		5.2		2.2	U	0.1		2.8	U	0.1		1.1	U	0.1
BOD,5-day		7.1		40	U	2	U	2	U	2	U	2	U	2
Chloride		1520		71	U	1		220	U	1		97	U	1
COD		68		38	U	5		15	U	5		25	U	2
Nitrate/Nitrite		0.16		0.49		0.03		0.27	U	0.01	U	0.01		0.01
pH		7.3		7.1		5.6		7.7		6.7		7.1		5.8
Sulfate	U	5		370	U	5		6.8	U	5		270	U	5
TKN		5.3		3.2	U	0.1								
Phosphorus,total		0.47		0.86	U	0.02		0.69	U	0.02		1.7	U	0.02

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WW06		WW07		WW09		WW10		WW10-DP		WW11-MS		WW12	
Sample Date:	05/07/90		05/07/90		05/14/90		05/14/90		05/14/90		05/14/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin		0.5	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	5	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	5	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	5	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WW12-DP		WW14		WW15		WW17		WW17-FB		WW18		WW19	
Sample Date:	05/07/90		05/02/90		05/07/90		05/07/90		05/07/90		05/07/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WW20		WW23		WW24		WW26		WW27		WW28		WW29	
Sample Date:	05/14/90		04/22/90		05/02/90		05/07/90		05/14/90		05/02/90		05/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WW30		WW30-FB		WW31		WW31-DP		WW32		WW32-DP		WW33	
Sample Date:	05/02/90		05/02/90		05/02/90		05/02/90		04/22/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WW33-DP		WW35-MS		WW36		WW36-FB		WW38		WW38-FB		WWB5	
Sample Date:	04/22/90		04/22/90		04/22/90		04/22/90		05/02/90		05/02/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	WWB5-FB		WWB8	
Sample Date:	05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1
Endrin	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5
Toxaphene	U	1	U	1
Aroclor-1016	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5
Aroclor-1254	U	1	U	1
Aroclor-1260	U	1	U	1

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	WW06		WW07		WW09		WW10		WW10-DP		WW11-MS		WW12	
Sample Date:	05/07/90		05/07/90		05/16/90		05/16/90		05/16/90		05/19/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.022	UP	0.022	UP	0.096	UP	0.096	UP	0.096	UP	0.096	BP	0.191
Antimony	UP	0.021	UP	0.021	BP	0.0461	BP	0.0271	BP	0.0446	P	0.0648	UP	0.021
Arsenic	BWF	0.0069	UF	0.002	UNF	0.002	UWNF	0.002	UWNF	0.002	BWNF	0.002	BF	0.0024
Barium	P	5.95	P	0.281	P	0.795	BP	0.0404	BP	0.0373	BP	0.0554	BP	0.054
Beryllium	UP	0.001	UP	0.001	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.001
Cadmium	BP	0.0025	UP	0.002	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.002
Calcium	P	33.7	P	14.3	P	84.4	P	107	P	108	P	269	P	221
Chromium	UP	0.008	UP	0.008	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.008
Cobalt	UP	0.008	UP	0.008	UP	0.009	UP	0.009	UP	0.009	UP	0.009	UP	0.008
Copper	BP	0.0048	UP	0.004	UP	0.004	BP	0.0081	BP	0.0105	BP	0.0041	UP	0.004
Iron	UP	0.005	UP	0.005	P	1.82	BP	0.0689	BP	0.0543	P	0.153	BP	0.0357
Lead	UF	0.001	UF	0.001	UWNF	0.001	UWNF	0.001	UENF	0.01	UWNF	0.001	UWF	0.001
Magnesium	P	8.08	P	23.1	P	39	P	32.6	P	33.3	P	54.9	P	71.3
Manganese	BP	0.0078	P	0.833	P	0.019	P	0.204	P	0.216	P	0.0346	P	1.89
Mercury	UCV	0.0002	UCV	0.0002	N*CV	0.0004	N*CV	0.0002	UN*CV	0.0002	N*CV	0.0029	CV	0.0005
Nickel	UP	0.01	UP	0.01	UP	0.016	UP	0.016	UP	0.016	UP	0.016	BP	0.0154
Potassium	P	37.3	BP	1.59	BP	4.34	P	29.1	P	29.6	P	21.2	P	38.2
Selenium	UWF	0.002	UF	0.002	UWNF	0.002	UWNF	0.002	UWNF	0.02	UWNF	0.002	UWF	0.002
Silver	UP	0.003	UP	0.003	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.003
Sodium	P	68.8	P	28	P	60.1	P	53.5	P	55.2	P	104	P	133
Thallium	UF	0.002	UF	0.002	UWNF	0.002	UWNF	0.02	UWNF	0.02	UWNF	0.02	UF	0.002
Vanadium	BP	0.0151	BP	0.0154	UP	0.004	BP	0.0049	BP	0.0043	BP	0.0074	BP	0.0088
Zinc	UP	0.002	BP	0.0174	UP	0.007	BP	0.0084	BP	0.0081	BP	0.0156	P	0.0376
Cyanide	UAS	0.01	UAS	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UAS	0.01

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	WW12-DP		WW14		WW15		WW17		WW17-FB		WW18		WW19	
Sample Date:	05/07/90		05/02/90		05/07/90		05/07/90		05/07/90		05/07/90		05/19/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.022	UP	0.014	UP	0.022	UP	0.022	UP	0.022	UP	0.022	UP	0.096
Antimony	UP	0.021	BP	0.021	UP	0.021	UP	0.021	UP	0.021	UP	0.021	BP	0.045
Arsenic	BF	0.0023	U	0.004	UWF	0.002	F	0.0423	UWF	0.002	F	0.0497	BNF	0.0086
Barium	BP	0.0489	BP	0.031	BP	0.0557	P	0.209	P	0.001	P	0.204	P	0.718
Beryllium	UP	0.001	UP	0.003	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.002
Cadmium	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.003
Calcium	P	234	P	56.9	P	122	P	97.8	UP	0.023	P	92.6	P	128
Chromium	UP	0.008	UP	0.004	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.006
Cobalt	UP	0.008	UP	0.004	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.009
Copper	BP	0.004	BP	0.006	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.004
Iron	BP	0.0064	UP	0.035	P	0.108	P	19.1	BP	0.0155	P	18.3	P	4.23
Lead	UWF	0.001	N*F	0.005	BF	0.0013	UF	0.001	UWF	0.001	UF	0.001	UWNF	0.01
Magnesium	P	76.6	P	15	P	15.6	P	32.4	UP	0.034	P	29.5	P	38.2
Manganese	P	1.93	UP	0.003	P	1.24	P	1.43	BP	0.0032	P	1.35	P	0.476
Mercury	CV	0.00034	UCV	0.0002	UCV	0.0002	CV	0.00026	UCV	0.0002	UCV	0.0002	UN*CV	0.0002
Nickel	BP	0.012	UP	0.004	UP	0.01	UP	0.01	UP	0.01	UP	0.01	UP	0.016
Potassium	P	42	BP	0.73	BP	3.59	P	41	UP	0.156	P	51.5	BP	2.65
Selenium	UWF	0.002	UNWF	0.004	UF	0.002	UF	0.002	UF	0.002	UF	0.002	UWNF	0.002
Silver	UP	0.003	UNRP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.006
Sodium	P	145	BP	2.89	P	46.7	P	69.8	BP	0.47	P	73.6	P	6.71
Thallium	UF	0.002	UF	0.001	UF	0.002	UF	0.002	UWF	0.002	UWF	0.002	UWNF	0.002
Vanadium	BP	0.0093	UP	0.004	BP	0.0136	BP	0.0138	UP	0.003	BP	0.0116	BP	0.005
Zinc	P	0.0391	BP	0.004	BP	0.0144	BP	0.0143	UP	0.002	BP	0.0138	BP	0.0072
Cyanide	UAS	0.01	UC	0.01	UAS	0.01	UAS	0.01	UAS	0.01	UAS	0.01	UC	0.01

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:		WW20		WW23		WW24		WW26		WW27		WW28		WW29
Sample Date:		05/18/90		04/23/90		05/01/90		06/06/90		05/18/90		05/02/90		04/30/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.096	UP	0.096	UP	0.014	UP	0.022	UP	0.096	BP	0.017	UP	0.014
Antimony	P	0.0673	BP	0.0449	UP	0.017	UP	0.021	BP	0.0364	BP	0.024	UP	0.017
Arsenic	NF	0.0612	UF	0.001	UF	0.004	UWF	0.002	UNF	0.002	UF	0.004	UF	0.004
Barium	BP	0.193	BEP	0.0463	BP	0.064	BP	0.127	BP	0.175	BP	0.045	BP	0.026
Beryllium	UP	0.002	UP	0.002	UP	0.003	UP	0.001	UP	0.002	UP	0.003	UP	0.003
Cadmium	UP	0.003	UP	0.003	UP	0.002	UP	0.002	UP	0.003	UP	0.002	UP	0.002
Calcium	P	267	P	105	P	112	P	60.7	P	80.7	P	28.4	P	76.9
Chromium	UP	0.006	UP	0.006	BP	0.004	UP	0.008	UP	0.006	UP	0.004	UP	0.004
Cobalt	UP	0.009	UP	0.009	UP	0.004	UP	0.008	UP	0.009	UP	0.004	UP	0.004
Copper	UP	0.004	BP	0.0042	BP	0.009	UP	0.004	BP	0.0065	BP	0.006	BP	0.006
Iron	P	19	BP	0.0534	P	0.296	UP	0.005	BP	0.0877	BP	0.044	UP	0.035
Lead	UWNF	0.001	BF	0.0011	N*WF	0.011	UF	0.001	BWNF	0.0024	N*F	0.028	N*SF	0.0341
Magnesium	P	74.7	P	30.4	P	21.7	P	37.3	P	36.3	P	12.9	P	23.8
Manganese	P	0.353	BP	0.0061	P	0.085	P	0.0266	P	0.042	P	0.046	P	0.016
Mercury	UN*CV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UN*CV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	BP	0.0219	UP	0.016	UP	0.004	UP	0.01	UP	0.016	UP	0.004	UP	0.004
Potassium	P	24.4	BEP	2.18	BP	2.54	P	14.2	P	8.21	P	14.3	BP	1.62
Selenium	UWNF	0.002	UNF	0.002	UNWF	0.004	UF	0.002	UNF	0.002	UNWF	0.004	UNWF	0.004
Silver	UP	0.006	UP	0.006	UNRP	0.003	UP	0.003	UP	0.006	UNRP	0.003	UNRP	0.003
Sodium	P	130	P	5.76	P	10.9	P	106	P	64.1	P	333	BP	3.72
Thallium	UWNF	0.02	UNF	0.002	UF	0.001	UF	0.002	UWNF	0.02	UWF	0.001	UF	0.001
Vanadium	BP	0.0052	BP	0.0124	UP	0.004	BP	0.0095	UP	0.004	UP	0.004	UP	0.004
Zinc	P	0.0833	BP	0.0182	BP	0.003	BP	0.0032	BP	0.0106	BP	0.004	P	0.026
Cyanide	C	0.0235	UC	0.005	UC	0.01	UAS	0.01	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	WW30		WW30-FB		WW31		WW31-DP		WW32		WW32-DP		WW33	
Sample Date:	04/30/90		04/30/90		04/30/90		04/30/90		04/23/90		04/23/90		04/23/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.096	UP	0.096	UP	0.096
Antimony	BP	0.02	BP	0.022	BP	0.026	BP	0.018	UP	0.023	UP	0.023	BP	0.0332
Arsenic	UF	0.004	UF	0.004	UF	0.004	UF	0.004	UF	0.001	UF	0.001	UF	0.001
Barium	P	0.792	UP	0.009	P	0.368	P	0.373	BEP	0.163	BEP	0.162	BEP	0.0445
Beryllium	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.002	UP	0.002	UP	0.002
Cadmium	UP	0.002	UP	0.002	UP	0.002	UP	0.002	BP	0.0037	UP	0.003	UP	0.003
Calcium	P	61.2	BP	0.111	P	89.2	P	88.7	P	56.3	P	56.9	P	124
Chromium	P	0.023	UP	0.004	BP	0.006	UP	0.004	UP	0.006	UP	0.006	UP	0.006
Cobalt	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.009	UP	0.009	UP	0.009
Copper	BP	0.008	UP	0.003	BP	0.009	BP	0.005	UP	0.004	UP	0.004	BP	0.0044
Iron	P	0.235	UP	0.035	UP	0.035	UP	0.035	BP	0.0936	BP	0.085	BP	0.0532
Lead	N*SF	0.0277	BN*F	0.002	N*WF	0.006	N*WF	0.005	BWF	0.0016	UF	0.001	F	0.0035
Magnesium	P	26.2	UP	0.03	P	32.5	P	32.2	P	24.2	P	24.4	P	24.6
Manganese	P	0.034	UP	0.003	P	0.054	P	0.05	P	0.0421	P	0.0439	P	0.0719
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.016	UP	0.016	UP	0.016
Potassium	P	8.2	BP	0.209	P	5.69	P	5.5	EP	16	EP	16	BEP	3.18
Selenium	UNWF	0.004	UNF	0.004	UNWF	0.004	UNWF	0.004	UNF	0.002	UNF	0.002	UWNF	0.002
Silver	UNRP	0.003	UNRP	0.003	UNRP	0.003	UNRP	0.003	UP	0.006	UP	0.006	UP	0.006
Sodium	P	79.3	BP	0.469	P	41	P	40.2	P	348	P	345	P	43.8
Thallium	UF	0.001	UWF	0.001	UF	0.001	UF	0.001	UWNF	0.002	UNF	0.002	UWNF	0.002
Vanadium	UP	0.004	UP	0.004	UP	0.004	UP	0.004	BP	0.0048	BP	0.004	BP	0.0063
Zinc	P	0.02	BP	0.007	BP	0.009	UP	0.003	UP	0.007	UP	0.007	BP	0.008
Cyanide	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.005	UC	0.005	UC	0.005

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	WW33-DP		WW35-MS		WW36		WW36-FB		WW38		WW38-FB		WWB5	
Sample Date:	04/23/90		04/23/90		04/23/90		04/23/90		05/02/90		05/02/90		05/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.096	UP	0.096	UP	0.096	UP	0.096	UP	0.014	UP	0.014	UP	0.096
Antimony	BP	0.0328	BP	0.051	BP	0.0492	UP	0.023	BP	0.03	BP	0.028	BP	0.0489
Arsenic	UF	0.001	UF	0.001	UF	0.001	UF	0.001	UF	0.004	UF	0.004	NF	0.017
Barium	BEP	0.0445	EP	0.626	BEP	0.0798	BEP	0.0027	P	0.615	UP	0.009	BP	0.14
Beryllium	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.003	UP	0.003	UP	0.002
Cadmium	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.002	UP	0.002	UP	0.003
Calcium	P	126	P	88	P	183	BP	0.218	P	53	BP	0.098	P	197
Chromium	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.004	UP	0.004	UP	0.006
Cobalt	UP	0.009	UP	0.009	UP	0.009	UP	0.009	UP	0.004	UP	0.004	UP	0.009
Copper	BP	0.0055	UP	0.004	UP	0.004	UP	0.004	BP	0.003	UP	0.003	UP	0.004
Iron	BP	0.0593	P	0.165	BP	0.0553	BP	0.0427	P	0.493	BP	0.061	P	8.04
Lead	UF	0.001	WF	0.0034	UF	0.001	BF	0.0016	N*SF	0.0138	N*F	0.017	UENF	0.01
Magnesium	P	25	P	36.2	P	59.6	BP	0.0564	P	28	UP	0.03	P	43.7
Manganese	P	0.0658	P	0.0719	P	0.712	UP	0.002	P	0.036	UP	0.003	P	0.363
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UN*CV	0.0002
Nickel	UP	0.016	UP	0.016	UP	0.016	UP	0.016	UP	0.004	UP	0.004	UP	0.016
Potassium	BEP	3.29	EP	22.6	BEP	3.01	UEP	0.445	P	6.89	BP	0.209	P	5.05
Selenium	UNF	0.002	UWNF	0.002	UWNF	0.002	UNF	0.002	UNWF	0.004	UNWF	0.004	UWNF	0.002
Silver	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UNRP	0.003	UNRP	0.003	UP	0.006
Sodium	P	44.3	P	790	P	37.5	BP	0.468	P	116	BP	0.478	P	37.2
Thallium	UNF	0.002	UNF	0.02	UWNF	0.002	UNF	0.002	UWF	0.001	UF	0.001	UWNF	0.02
Vanadium	BP	0.0078	BP	0.0057	BP	0.0092	UP	0.004	UP	0.004	UP	0.004	BP	0.0048
Zinc	BP	0.0083	UP	0.007	BP	0.014	UP	0.007	BP	0.003	BP	0.005	P	0.062
Cyanide	UC	0.005	UC	0.005	UC	0.005	UC	0.005	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of WW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	WWB5-FB		WWB8	
Sample Date:	05/17/90		05/19/90	
Compound Name	Qual	Conc	Qual	Conc
Aluminum	UP	0.096	UP	0.096
Antimony	UP	0.023	BP	0.0386
Arsenic	UNF	0.002	UNF	0.002
Barium	UP	0.002	BP	0.0534
Beryllium	UP	0.002	UP	0.002
Cadmium	UP	0.003	UP	0.003
Calcium	BP	0.442	P	61.3
Chromium	UP	0.006	UP	0.006
Cobalt	UP	0.009	UP	0.009
Copper	UP	0.004	BP	0.0042
Iron	BP	0.0552	BP	0.0483
Lead	BNF	0.0013	BWNF	0.0015
Magnesium	BP	0.0874	P	24.6
Manganese	UP	0.002	P	0.0498
Mercury	UN*CV	0.0002	UN*CV	0.0002
Nickel	UP	0.016	UP	0.016
Potassium	UP	0.445	P	14.9
Selenium	UWNF	0.002	UNF	0.002
Silver	UP	0.006	UP	0.006
Sodium	BP	0.359	P	40.1
Thallium	UWNF	0.002	UWNF	0.002
Vanadium	UP	0.004	UP	0.004
Zinc	UP	0.007	UP	0.007
Cyanide	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of WW Series Analytical Results
TOC
Units in mg/L

WWES Sample Id	Sample Date	Qual	Conc
WW06	06/06/90		34
WW07	06/06/90		4
WW09	05/14/90	JR	1.8
WW10	05/14/90		15
WW10-DP	05/14/90		16
WW11-MS	05/14/90		18
WW12	06/06/90		18
WW12-DP	06/06/90		18
WW14	06/06/90		7
WW15	06/06/90		8
WW17	06/06/90		32
WW17-FB	06/06/90	U	2
WW18	06/06/90		46
WW19	05/18/90	JR	9.7
WW20	05/18/90		43
WW24	05/01/90		6
WW26	06/06/90		3
WW27	05/18/90	JR	1.7
WW28	06/06/90		2
WW29	05/01/90		4
WW30	05/01/90	U	2
WW30-FB	05/01/90	U	2
WW31	05/01/90		5
WW31-DP	05/01/90		5
WW38	05/01/90		3
WW38-FB	06/06/90	U	2
WWB5	05/17/90	JR	8.9
WWB5-FB	05/17/90	U	2
WWB8	05/16/90	JR	2.3

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:		WW07		WW09		WW10		WW10-DP		WW11-MS		WW12		WW12-DP
Sample Date:		05/07/90		05/14/90		05/14/90		05/14/90		05/14/90		05/07/90		05/07/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048		0.065	U	0.048	U	0.048	U	0.048	U	0.047	U	0.047
Hexachlorobutadiene	U	0.0075		0.087	U	0.076	U	0.076	U	0.076	U	0.0075	U	0.0075
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057		0.11	U	0.0057		0.052	U	0.0057		0.011		0.01
Chlordene	U	0.057		0.057	U	0.057	U	0.0057	U	0.057	U	0.057	U	0.057

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:		WW14		WW15		WW17		WW17-FB		WW18		WW19		WW20
Sample Date:		04/30/90		05/07/90		05/07/90		05/07/90		05/07/90		05/16/90		05/16/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019		0.2	U	0.019	U	0.019		0.24	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.047	U	0.048	U	0.047	U	0.047	U	0.048	U	0.048
Hexachlorobutadiene	U	0.0076	U	0.0075	U	0.0076	U	0.0075	U	0.0075	U	0.0076		0.015
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene		0.0071		0.008		0.012		0.0067		0.013	U	0.0057	U	0.0057
Chlordene	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:		WW23		WW24		WW26		WW27		WW28		WW29		WW30
Sample Date:		04/23/90		04/30/90		05/07/90		05/16/90		05/02/90		04/30/90		04/30/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.049	U	0.048	U	0.047	U	0.045	U	0.048	U	0.048	U	0.048
Hexachlorobutadiene	U	0.0078	U	0.0076	U	0.0075	U	0.0076	U	0.0076	U	0.0076	U	0.0076
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0058		0.014		0.038	U	0.0057	U	0.0057	U	0.0057	U	0.0057
Chlordene	U	0.058	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	WW30-FB		WW31		WW31-DP		WW32		WW32-DP		WW33		WW33-DP	
Sample Date:	04/30/90		04/30/90		04/30/90		04/23/90		04/23/90		04/21/90		04/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048	U	0.049
Hexachlorobutadiene	U	0.0076	U	0.0077	U	0.0076	U	0.0077	U	0.0076	U	0.0076	U	0.0078
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057	U	0.0058	U	0.0057		0.0019	U	0.0057	U	0.0057		0.0064
Chlordene	U	0.057	U	0.058	U	0.057	U	0.058	U	0.057	U	0.057	U	0.058

SKINNER LANDFILL
Summary of WW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	WW35-MS		WW36		WW36-FB		WW38		WW38-FB		WWE5		WWE5-FB	
Sample Date:	04/21/90		04/21/90		04/21/90		04/30/90		04/30/90		05/14/90		05/15/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048
Hexachlorobutadiene	U	0.0077	U	0.0077	U	0.0077	U	0.0077	U	0.0077		0.019	U	0.076
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0058		0.0062		0.0079	U	0.0058	U	0.0058		0.089	U	0.0057
Chlordene	U	0.058	U	0.058	U	0.058	U	0.058	U	0.058	U	0.057	U	0.057

SKINNER LANDFILL
Summary of LS Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	LS01		LS01-AB		LS01-TB		LS02		LS03	
Sample Date:	04/10/90		04/08/90		04/08/90		04/10/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.017	U	10	U	10	U	0.015	U	0.014
Bromomethane	U	0.017	U	10	U	10	U	0.015	U	0.014
Vinyl Chloride	U	0.017	U	10	U	10	U	0.015	U	0.014
Chloroethane	U	0.017	U	10	U	10	U	0.015	U	0.014
Methylene Chloride	U	0.02	R	5	R	12		0.041		0.015
Acetone	U	0.28		16		12	U	0.063	U	0.032
Carbon Disulfide	U	0.008	U	5	U	5	U	0.008	U	0.007
1,1-Dichloroethene	U	0.008	U	5	U	5	U	0.008	U	0.007
1,1-Dichloroethane	U	0.008	U	5	U	5	U	0.008	U	0.007
1,2-Dichloroethene	U	0.008	U	5	U	5	U	0.008	U	0.007
Chloroform	U	0.008	U	5		14	U	0.008	U	0.007
1,2-Dichloroethane	U	0.008	U	5	U	5	U	0.008	U	0.007
2-Butanone		0.11	U	10	U	10	U	0.015	J	0.003
1,1,1-Trichloroethane	U	0.008	U	5	U	5	U	0.008	U	0.007
Carbon Tetrachloride	U	0.008	U	5	U	5	U	0.008	U	0.007
Vinyl Acetate	U	0.017	U	10	U	10	U	0.015	U	0.014
Bromodichloromethane	U	0.008	U	5	U	5	U	0.008	U	0.007
1,2-Dichloropropane	U	0.008	U	5	U	5	U	0.008	U	0.007
cis-1,3-Dichloropropene	U	0.008	U	5	U	5	U	0.008	U	0.007
Trichloroethene	U	0.008	U	5	U	5	U	0.008	U	0.007
Dibromochloromethane	U	0.008	U	5	U	5	U	0.008	U	0.007
1,1,2-Trichloroethane	U	0.008	U	5	U	5	U	0.008	U	0.007
Benzene	U	0.008	U	5	U	5	U	0.008	U	0.007
trans-1,3-Dichloropropene	U	0.008	U	5	U	5	U	0.008	U	0.007
Bromoform	U	0.008	U	5	U	5	U	0.008	U	0.007
4-Methyl-2-Pentanone	U	0.017	U	10	U	10	U	0.015	U	0.014
2-Hexanone	U	0.017	U	10	U	10	U	0.015	U	0.014
Tetrachloroethene	U	0.008	U	5	U	5	U	0.008	U	0.007
1,1,2,2-Tetrachloroethane	U	0.008	U	5	U	5	U	0.008	U	0.007
Toluene		0.021	U	5	U	5	U	0.008	U	0.007
Chlorobenzene	U	0.008	U	5	U	5	U	0.008	U	0.007
Ethylbenzene	U	0.008	U	5	U	5	U	0.008	U	0.007
Styrene	U	0.008	U	5	U	5	U	0.008	U	0.007
Xylene (total)	U	0.008	U	5	U	5	U	0.008	U	0.007

SKINNER LANDFILL
Summary of LS Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWHI Sample Id:	LS01		LS01-RE		LS02		LS02-RE		LS03	
Sample Date:	04/10/90		04/10/90		04/10/90		04/10/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.59	U	0.41	U	0.43	J	0.056	U	0.4
bis(2-Chloroethyl)Ether	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2-Chlorophenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
1,3-Dichlorobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
1,4-Dichlorobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Benzyl Alcohol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
1,2-Dichlorobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2-Methylphenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
bis(2-Chloroisopropyl)Ether	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
4-Methylphenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
N-Nitroso-Di-n-Propylamine	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Hexachloroethane	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Nitrobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Isophorone	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2-Nitrophenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2,4-Dimethylphenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Benzoic Acid	U	2	U	2	U	2.1	U	2.1	U	2
bis(2-Chloroethoxy)Methane	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2,4-Dichlorophenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
1,2,4-Trichlorobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Naphthalene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
4-Chloroaniline	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Hexachlorobutadiene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
4-Chloro-3-Methylphenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2-Methylnaphthalene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Hexachlorocyclopentadiene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2,4,6-Trichlorophenol	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2,4,5-Trichlorophenol	U	2	U	2	U	2.1	U	2.1	U	2
2-Chloronaphthalene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2-Nitroaniline	U	2	U	2	U	2.1	U	2.1	U	2
Dimethyl Phthalate	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Acenaphthylene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
2,6-Dinitrotoluene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
3-Nitroaniline	U	2	U	2	U	2.1	U	2.1	U	2
Acenaphthene	J	0.071	J	0.049	U	0.43	U	0.43	U	0.4
2,4-Dinitrophenol	U	2	U	2	U	2.1	U	2.1	U	2
4-Nitrophenol	U	2	U	2	U	2.1	U	2.1	U	2
Dibenzofuran	J	0.064	J	0.046	U	0.43	U	0.43	U	0.4
2,4-Dinitrotoluene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Diethylphthalate	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
4-Chlorophenyl-phenylether	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Fluorene	J	0.083	J	0.06	U	0.43	U	0.43	U	0.4
4-Nitroaniline	U	2	U	2	U	2.1	U	2.1	U	2
4,6-Dinitro-2-Methylphenol	U	2	U	2	U	2.1	U	2.1	U	2
N-Nitrosodiphenylamine(1)	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
4-Bromophenyl-phenylether	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Hexachlorobenzene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Pentachlorophenol	U	2	U	2	U	2.1	U	2.1	U	2
Phenanthrene	J	0.22	J	0.17	J	0.055	J	0.054	U	0.4
Anthracene	J	0.05	J	0.05	U	0.43	U	0.43	U	0.4
Di-n-Butylphthalate	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Fluoranthene	J	0.4	J	0.3	J	0.094	J	0.12	U	0.4
Pyrene	J	0.3	J	0.25	J	0.073	J	0.095	U	0.4
Butylbenzylphthalate	J	0.059	J	0.091	U	0.43	U	0.43	U	0.4
3,3'-Dichlorobenzidine	U	0.82	U	0.82	U	0.86	U	0.86	U	0.81
Benzo(a)Anthracene	J	0.18	J	0.13	J	0.047	J	0.063	U	0.4
Chrysene	J	0.2	J	0.15	J	0.054	J	0.067	U	0.4
bis(2-Ethylhexyl)Phthalate	U	0.41	J	0.13	U	0.43	U	0.43	U	0.4
Di-n-Octyl Phthalate	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Benzo(b)Fluoranthene	J	0.19	JZ	0.21	J	0.046	JZ	0.12	U	0.4
Benzo(k)Fluoranthene	J	0.18	JZ	0.21	J	0.061	JZ	0.12	U	0.4
Benzo(a)Pyrene	J	0.17	J	0.12	J	0.058	J	0.062	U	0.4
Indeno(1,2,3-cd)Pyrene	J	0.1	J	0.072	U	0.43	U	0.43	U	0.4
Dibenzo(a,h)Anthracene	U	0.41	U	0.41	U	0.43	U	0.43	U	0.4
Benzo(g,h,i)Perylene	J	0.11	J	0.069	U	0.43	U	0.43	U	0.4

SKINNER LANDFILL
Summary of LS Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:		LS03-RE
Sample Date:		04/10/90
Compound Name	Qual	Conc
Phenol	U	0.4
bis(2-Chloroethyl)Ether	U	0.4
2-Chlorophenol	U	0.4
1,3-Dichlorobenzene	U	0.4
1,4-Dichlorobenzene	U	0.4
Benzyl Alcohol	U	0.4
1,2-Dichlorobenzene	U	0.4
2-Methylphenol	U	0.4
bis(2-Chloroisopropyl)Ether	U	0.4
4-Methylphenol	U	0.4
N-Nitroso-Di-n-Propylamine	U	0.4
Hexachloroethene	U	0.4
Nitrobenzene	U	0.4
Isophorone	U	0.4
2-Nitrophenol	U	0.4
2,4-Dimethylphenol	U	0.4
Benzoic Acid	U	2
bis(2-Chloroethoxy)Methane	U	0.4
2,4-Dichlorophenol	U	0.4
1,2,4-Trichlorobenzene	U	0.4
Naphthalene	U	0.4
4-Chloroaniline	U	0.4
Hexachlorobutadiene	U	0.4
4-Chloro-3-Methylphenol	U	0.4
2-Methylnaphthalene	U	0.4
Hexachlorocyclopentadiene	U	0.4
2,4,6-Trichlorophenol	U	0.4
2,4,5-Trichlorophenol	U	2
2-Chloronaphthalene	U	0.4
2-Nitroaniline	U	2
Dimethyl Phthalate	U	0.4
Acenaphthylene	U	0.4
2,6-Dinitrotoluene	U	0.4
3-Nitroaniline	U	2
Acenaphthene	U	0.4
2,4-Dinitrophenol	U	2
4-Nitrophenol	U	2
Dibenzofuran	U	0.4
2,4-Dinitrotoluene	U	0.4
Diethylphthalate	U	0.4
4-Chlorophenyl-phenylether	U	0.4
Fluorene	U	0.4
4-Nitroaniline	U	2
4,6-Dinitro-2-Methylphenol	U	2
N-Nitrosodiphenylamine(1)	U	0.4
4-Bromophenyl-phenylether	U	0.4
Hexachlorobenzene	U	0.4
Pentachlorophenol	U	2
Phenanthrene	U	0.4
Anthracene	U	0.4
Di-n-Butylphthalate	U	0.4
Fluoranthene	U	0.4
Pyrene	U	0.4
Butylbenzylphthalate	U	0.4
3,3'-Dichlorobenzidine	U	0.81
Benzo(a)Anthracene	U	0.4
Chrysene	U	0.4
bis(2-Ethylhexyl)Phthalate	U	0.4
Di-n-Octyl Phthalate	U	0.4
Benzo(b)Fluoranthene	U	0.4
Benzo(k)Fluoranthene	U	0.4
Benzo(a)Pyrene	U	0.4
Indeno(1,2,3-cd)Pyrene	U	0.4
Dibenzo(a,h)Anthracene	U	0.4
Benzo(g,h,i)Perylene	U	0.4

SKINNER LANDFILL
Summary of LS Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	LS01		LS02		LS03	
Sample Date:	04/10/90		04/10/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.0097	U	0.01	U	0.0097
beta-BHC	U	0.0097	U	0.01	U	0.0097
delta-BHC	U	0.0097	U	0.01	U	0.0097
gamma-BHC (Lindane)		0.037	U	0.01	U	0.0097
Heptachlor	U	0.0097	U	0.01	U	0.0097
Aldrin	U	0.0097	U	0.01	U	0.0097
Heptachlor epoxide	U	0.0097	U	0.01	U	0.0097
Endosulfan I	U	0.0097	U	0.01	U	0.0097
Dieldrin	U	0.019	U	0.02	U	0.019
4,4'-DDE	U	0.019	U	0.02	U	0.019
Endrin	U	0.019	U	0.02	U	0.019
Endosulfan II	U	0.019	U	0.02	U	0.019
4,4'-DDD	U	0.019	U	0.02	U	0.019
Endosulfan sulfate	U	0.019	U	0.02	U	0.019
4,4'-DDT	U	0.019	U	0.02	U	0.019
Methoxychlor	U	0.097	U	0.1	U	0.097
Endrin ketone	U	0.019	U	0.02	U	0.019
alpha-Chlordane	U	0.097	U	0.1	U	0.097
gamma-Chlordane	U	0.097	U	0.1	U	0.097
Toxaphene	U	0.19	U	0.2	U	0.19
Aroclor-1016	U	0.097	U	0.1	U	0.097
Aroclor-1221	U	0.097	U	0.1	U	0.097
Aroclor-1232	U	0.097	U	0.1	U	0.097
Aroclor-1242	U	0.097	U	0.1	U	0.097
Aroclor-1248	U	0.097	U	0.1	U	0.097
Aroclor-1254	U	0.19	U	0.2	U	0.19
Aroclor-1260	U	0.19	U	0.2	U	0.19

SKINNER LANDFILL
Summary of LS Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	LS01		LS02		LS03	
Sample Date:	04/10/90		04/10/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		1.3	U	0.69	U	0.58
Hexachlorocylopentadiene	U	49	U	55	U	46
Hexachlorobutadiene		4.7		1.6	U	12
Octachlorocyclopentene	U	13	U	14	U	12
1,2,3,4,5,7,7-Heptachloronorborene		3.8		1.8		3.5
Chlordene	U	1.5	U	1.7	U	1.4

SKINNER LANDFILL
Summary of LS Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	LS01		LS02		LS03	
Sample Date:	04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	4270	*P	16000	*P	30200
Antimony	UP	9.7	BP	11.4	UP	7.8
Arsenic	F	11	SF	5.8	SF	9.7
Barium	P	269	P	97.8	P	213
Beryllium	BP	0.76	BP	1.2	P	1.7
Cadmium	UP	1	UP	1	UP	0.83
Calcium	P	137000	P	151000	P	33800
Chromium	P	13.5	P	15.9	P	33.3
Cobalt	BP	10	BP	9.5	P	18.9
Copper	P	37.2	P	19.6	P	20.9
Iron	P	47100	P	16300	P	36800
Lead	F	78.3	SF	13.2	F	29.2
Magnesium	P	35000	P	16500	P	6190
Manganese	P	710	P	855	P	2400
Mercury	UCV	0.17	UCV	0.17	UCV	0.14
Nickel	P	15.6	P	16.2	P	26.3
Potassium	*P	3340	*P	5380	*P	7710
Selenium	UNWF	0.35	UNWF	0.34	UNWF	0.28
Silver	UNP	0.69	UNP	0.67	UNP	0.56
Sodium	BP	291	BP	587	BP	304
Thallium	UWF	1	UWF	1	UWF	0.83
Vanadium	P	28.3	P	32.5	P	60.7
Zinc	P	180	P	40.8	P	72.8
Cyanide	UAS	1.7	UAS	1.7	UAS	1.4

SKINNER LANDFILL
Summary of LS Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
LS01	04/10/90		46900
LS02	04/10/90		35900
LS03	04/10/90		18400

Leachate Water (LW)

SKINNER LANDFILL
Summary of LW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	LW01		LW01-AB		LW01-DP		LW01-TB		LW02		LW02-AB		LW02-FB	
Sample Date:	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	J	9	U	10	J	9	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	7	U	5		6	U	5		8		6
Acetone		22	U	10		16	U	10	J	7		10	J	5
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	J	2	U	5	J	2	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5		9	U	5		9	U	5		7		11
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	J	0.9	U	5	U	5	U	5	J	3	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene		9	U	5		11	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	J	2	U	5	J	0.8	U	5	U	5	J	1
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of LW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	LW02-MS		LW02-TB		LW03-AB		LW03-MS		LW03-TB	
Sample Date:	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5		5	U	8	U	5	U	7
Acetone	U	10	J	4	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5		8		8	U	5		10
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5		5	J	1	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	J	0.9	J	0.9	U	5	J	1
Chlorobenzene	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of LW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id.	LW01		LW01-DP		LW02		LW02-FB		LW03-MS	
Sample Date	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether		120		100	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of LW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	LW01		LW01-DP		LW02		LW02-FB		LW03-MS	
Sample Date:	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of LW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	LW01		LW01-DP		LW02		LW02-FB		LW03-MS	
Sample Date:	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	NP	2.57	NP	9.6	NP	1.68	UNP	0.02	NP	6.12
Antimony	UP	0.02	UP	0.02	UP	0.02	UP	0.02	UP	0.02
Arsenic	BF	0.007	BF	0.0098	BWF	0.0024	UF	0.001	BF	0.0039
Barium	P	1.13	P	1.72	BP	0.0715	UP	0.001	BP	0.153
Beryllium	UP	0.001	BP	0.0015	UP	0.001	UP	0.001	UP	0.001
Cadmium	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002
Calcium	P	272	P	30.5	P	273	BP	0.0125	P	110
Chromium	UP	0.003	P	0.0126	UP	0.003	UP	0.003	BP	0.0057
Cobalt	BP	0.0045	BP	0.0125	BP	0.004	UP	0.004	UP	0.004
Copper	P	0.035	P	0.0785	BP	0.0159	BP	0.0108	P	0.0339
Iron	P	52.9	P	129	P	2.72	BP	0.0182	P	12.6
Lead	F	0.0248	F	0.0672	F	0.0036	F	0.0049	F	0.0284
Magnesium	P	62.8	P	69.9	P	80.1	UP	0.05	P	24
Manganese	P	0.733	P	1.28	P	0.0971	UP	0.001	P	2.67
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	BP	0.02	BP	0.0343	BP	0.0176	UP	0.01	UP	0.01
Potassium	P	24.9	P	27.1	P	54.9	UP	0.7	BP	2.21
Selenium	UF	0.002	BWF	0.0028	BF	0.0027	UF	0.002	UWF	0.002
Silver	UP	0.002	BP	0.0031	UP	0.002	UP	0.002	UP	0.002
Sodium	P	29.2	P	30.5	P	188	UP	0.06	P	16.4
Thallium	BF	0.0011	BF	0.0019	UF	0.001	UF	0.001	UF	0.001
Vanadium	BP	0.0048	BP	0.0154	BP	0.0036	UP	0.003	BP	0.011
Zinc	EP	0.234	EP	0.397	EP	0.184	UEP	0.002	EP	0.142
Cyanide	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of LW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	LW01		LW01-DP		LW02		LW02-FB		LW03-MS	
Sample Date:	04/18/90		04/18/90		04/18/90		04/21/90		04/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048
Hexachlorobutadiene		0.012		0.012	U	0.077	U	0.0077		0.016
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057	U	0.0057	U	0.0058		0.01		0.018
Chlordene	U	0.057	U	0.057	U	0.058	U	0.058	U	0.057

SKINNER LANDFILL
Summary of LW Series Analytical Results
Major Ions
Units in mg/L

WWES Sample Id:	LW01		LW01-DP		LW02		LW02-FB		LW03-MS	
Sample Date:	04/17/90		04/17/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		420		460		580	U	5		280
Ammonia Nitrogen		4.3		5.2	U	0.1	U	0.1		0.25
BOD,5-day		32	U	18.1		8	U	2		12
Chloride		470		370		210	U	1		25
COD		62		140		100	U	5		22
Nitrate/Nitrite		0.2		0.39		6.6	U	0.01		0.51
pH		7.1		7.1		7.6		5.7		7.1
Sulfate		34		35		590	U	5		95
TKN		5.8		7.2		3.2	U	0.1		0.62
Phosphorus,total		0.63		1.9		0.37	U	0.02		0.9

Monitor Well Borings (GW)

SKINNER LANDFILL
Summary of GW Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	GW26-AB		GW26A		GW26B		GW26B-FB		GW27-AB		GW27B		GW27C	
Sample Date:	03/19/90		03/19/90		03/19/90		03/19/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Bromomethane	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Vinyl Chloride	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Chloroethane	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Methylene Chloride	U	4		0.017	J	0.005	J	0.004	U	5	J	0.015	J	0.018
Acetone		34		0.018	U	0.21		0.12	U	10	U	0.067	U	0.11
Carbon Disulfide	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,1-Dichloroethene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,1-Dichloroethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,2-Dichloroethene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Chloroform	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,2-Dichloroethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
2-Butanone	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
1,1,1-Trichloroethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Carbon Tetrachloride	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Vinyl Acetate	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Bromodichloromethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,2-Dichloropropane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
cis-1,3-Dichloropropene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Trichloroethene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Dibromochloromethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,1,2-Trichloroethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Benzene	U	5	U	0.006	U	0.006	U	0.005	U	5	J	0.015		0.083
trans-1,3-Dichloropropene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Bromoform	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
4-Methyl-2-Pentanone	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
2-Hexanone	U	10	U	0.012	U	0.012	U	0.01	U	10	U	0.052	U	0.054
Tetrachloroethene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
1,1,2,2-Tetrachloroethane	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Toluene	U	5	U	0.006	U	0.006	U	0.005		9		0.27		0.45
Chlorobenzene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Ethylbenzene	U	5	U	0.006	U	0.006	U	0.005	U	5		0.25		0.34
Styrene	U	5	U	0.006	U	0.006	U	0.005	U	5	U	0.026	U	0.027
Xylene (total)	U	5	U	0.006	U	0.006	U	0.005	U	5		0.29		0.36

SKINNER LANDFILL
Summary of GW Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	GW27D		GW27E		GW27F		GW27F-DP		GW28-AB		GW28A		GW28A-DP	
Sample Date:	03/11/90		03/11/90		03/11/90		03/11/90		02/22/90		02/22/90		02/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Bromomethane	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Vinyl Chloride	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Chloroethane	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Methylene Chloride	U	0.027	U	0.028	J	0.016	U	0.028	J	3	U	0.006	U	0.006
Acetone	J	0.046		0.64	J	0.046	J	0.045	U	10	U	0.012	U	0.012
Carbon Disulfide	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,1-Dichloroethene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,1-Dichloroethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,2-Dichloroethene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Chloroform	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,2-Dichloroethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
2-Butanone	U	0.053		0.24	U	0.058	U	0.056	U	10	U	0.012	U	0.012
1,1,1-Trichloroethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Carbon Tetrachloride	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Vinyl Acetate	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Bromodichloromethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,2-Dichloropropane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
cis-1,3-Dichloropropene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Trichloroethene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Dibromochloromethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,1,2-Trichloroethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Benzene	U	0.027		0.033	U	0.029	U	0.028	U	5	U	0.006	U	0.006
trans-1,3-Dichloropropene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Bromoform	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
4-Methyl-2-Pentanone	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
2-Hexanone	U	0.053	U	0.056	U	0.058	U	0.056	U	10	U	0.012	U	0.012
Tetrachloroethene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
1,1,2,2-Tetrachloroethane	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Toluene		0.073		0.67	U	0.029	U	0.028	U	5	J	0.001	J	0.004
Chlorobenzene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Ethylbenzene	J	0.014		0.046	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Styrene	U	0.027	U	0.028	U	0.029	U	0.028	U	5	U	0.006	U	0.006
Xylene (total)		0.03		0.11	U	0.029	U	0.028	U	5	J	0.004		0.007

SKINNER LANDFILL
Summary of GW Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	GW28A-FB		GW28B		GW28C		GW29-AB		GW29-TB		GW29A		GW29B	
Sample Date:	02/22/90		02/22/90		02/22/90		02/27/90		02/27/90		02/27/90		02/27/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Bromomethane	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Vinyl Chloride	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Chloroethane	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Methylene Chloride	U	0.005	U	0.006	J	0.003	U	5	U	5	J	0.002		0.008
Acetone	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Carbon Disulfide	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,1-Dichloroethene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,1-Dichloroethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,2-Dichloroethene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Chloroform	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,2-Dichloroethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
2-Butanone	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
1,1,1-Trichloroethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Carbon Tetrachloride	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Vinyl Acetate	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Bromodichloromethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,2-Dichloropropane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
cis-1,3-Dichloropropene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Trichloroethene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Dibromochloromethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,1,2-Trichloroethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Benzene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
trans-1,3-Dichloropropene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Bromoform	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
4-Methyl-2-Pentanone	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
2-Hexanone	U	0.01	U	0.011	U	0.012	U	10	U	10	U	0.011	U	0.011
Tetrachloroethene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
1,1,2,2-Tetrachloroethane	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Toluene	U	0.005	J	0.004	J	0.003	U	5	U	5	J	0.005		0.007
Chlorobenzene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Ethylbenzene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	J	0.002
Styrene	U	0.005	U	0.006	U	0.006	U	5	U	5	U	0.005	U	0.006
Xylene (total)	U	0.005	J	0.001	U	0.006	U	5	U	5	U	0.005	J	0.002

SKINNER LANDFILL
Summary of GW Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWBS Sample Id:	GW29B-FB		GW35-AB		GW35A-MS		GW35C		GW35D		GW35E		GW38-AB	
Sample Date:	02/27/90		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Bromomethane	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Vinyl Chloride	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Chloroethane	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Methylene Chloride	R	0.012	R	7	J	0.004	J	0.006	J	0.003	J	0.004	U	5
Acetone	U	0.01	U	10	J	0.01		0.013		0.051		0.058	U	10
Carbon Disulfide	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,1-Dichloroethene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,1-Dichloroethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,2-Dichloroethene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Chloroform	J	0.005	J	3	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,2-Dichloroethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
2-Butanone	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
1,1,1-Trichloroethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Carbon Tetrachloride	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Vinyl Acetate	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Bromodichloromethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,2-Dichloropropane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
cis-1,3-Dichloropropene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Trichloroethene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Dibromochloromethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,1,2-Trichloroethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Benzene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
trans-1,3-Dichloropropene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Bromoform	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
4-Methyl-2-Pentanone	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
2-Hexanone	U	0.01	U	10	U	0.012	U	0.012	U	0.011	U	0.011	U	10
Tetrachloroethene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
1,1,2,2-Tetrachloroethane	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Toluene	U	0.005	U	5	J	0.006	J	0.004	J	0.003	J	0.005	U	5
Chlorobenzene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Ethylbenzene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Styrene	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5
Xylene (total)	U	0.005	U	5	U	0.006	U	0.006	U	0.006	U	0.006	U	5

SKINNER LANDFILL
Summary of GW Series Analytical Results
Volatiles
Units in mg/Kg (AB in ug/L)

WWES Sample Id:	GW38A		GW38B		GW38B-RE		GW38C		GW38D	
Sample Date:	03/05/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Bromomethane	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Vinyl Chloride	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Chloroethane	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Methylene Chloride		0.064		7.9	R	9.8		0.066		0.085
Acetone		0.031	U	1.4	U	1.4	U	0.011	U	0.011
Carbon Disulfide	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,1-Dichloroethene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,1-Dichloroethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,2-Dichloroethene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Chloroform	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,2-Dichloroethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
2-Butanone	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
1,1,1-Trichloroethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Carbon Tetrachloride	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Vinyl Acetate	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Bromodichloromethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,2-Dichloropropane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
cis-1,3-Dichloropropene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Trichloroethene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Dibromochloromethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
1,1,2-Trichloroethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Benzene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
trans-1,3-Dichloropropene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Bromoform	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
4-Methyl-2-Pentanone	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
2-Hexanone	U	0.015	U	1.4	U	1.4	U	0.011	U	0.011
Tetrachloroethene		0.06		2.5		2.7		0.023		0.018
1,1,2,2-Tetrachloroethane	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Toluene		0.019	J	0.32	J	0.36		0.008		0.006
Chlorobenzene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Ethylbenzene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Styrene	U	0.008	U	0.7	U	0.7	U	0.006	U	0.006
Xylene (total)		0.016	U	0.7	U	0.7		0.006	J	0.004

SKINNER LANDFILL
Summary of GW Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	GW26A		GW26B		GW26B-FB		GW27B		GW27C	
Sample Date:	03/21/90		03/21/90		03/21/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
bis(2-Chloroethyl)Ether	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2-Chlorophenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
1,3-Dichlorobenzene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
1,4-Dichlorobenzene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Benzyl Alcohol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
1,2-Dichlorobenzene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2-Methylphenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
bis(2-Chloroisopropyl)Ether	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Methylphenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
N-Nitroso-Di-n-Propylamine	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Hexachloroethane	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Nitrobenzene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Isophorone	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2-Nitrophenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4-Dimethylphenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Benzoic Acid	U	4	U	3.9	U	3.2	U	3.4	U	3.4
bis(2-Chloroethoxy)Methane	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4-Dichlorophenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
1,2,4-Trichlorobenzene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Naphthalene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Chloroaniline	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Hexachlorobutadiene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Chloro-3-Methylphenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2-Methylnaphthalene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Hexachlorocyclopentadiene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4,6-Trichlorophenol	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4,5-Trichlorophenol	U	4	U	3.9	U	3.2	U	3.4	U	3.4
2-Chloronaphthalene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2-Nitroaniline	U	4	U	3.9	U	3.2	U	3.4	U	3.4
Dimethyl Phthalate	U	0.81	U	0.8	U	0.66	U	0.69	J	0.21
Acenaphthylene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,6-Dinitrotoluene	U	0.81	U	0.8	U	0.66	U	0.66	U	0.71
3-Nitroaniline	U	4	U	3.9	U	3.2	U	3.4	U	3.4
Acenaphthene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4-Dinitrophenol	U	4	U	3.9	U	3.2	U	3.4	U	3.4
4-Nitrophenol	U	4	U	3.9	U	3.2	U	3.4	U	3.4
Dibenzofuran	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
2,4-Dinitrotoluene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Diethylphthalate	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Chlorophenyl-phenylether	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Fluorene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Nitroaniline	U	4	U	3.9	U	3.2	U	3.4	U	3.4
4,6-Dinitro-2-Methylphenol	U	4	U	3.9	U	3.2	U	3.4	U	3.4
N-Nitrosodiphenylamine(1)	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
4-Bromophenyl-phenylether	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Hexachlorobenzene	J	0.62	J	0.091	U	0.66	U	0.69	U	0.71
Pentachlorophenol	U	4	U	3.9	U	3.2	U	3.4	U	3.4
Phenanthrene	J	0.09	J	0.085	U	0.66	U	0.69	U	0.71
Anthracene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Di-n-Butylphthalate	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Fluoranthene	J	0.2	J	0.15	U	0.66	U	0.69	U	0.71
Pyrene	J	0.21	J	0.15	U	0.66	U	0.69	U	0.71
Butylbenzylphthalate	J	0.43	U	0.8	U	0.66	U	0.69	U	0.71
3,3'-Dichlorobenzidine	U	1.6	U	1.6	U	1.3	U	1.4	U	1.4
Benzo(a)Anthracene	J	0.12	J	0.092	U	0.66	U	0.69	U	0.71
Chrysene	J	0.16	U	0.8	U	0.66	U	0.69	U	0.71
bis(2-Ethylhexyl)Phthalate	U	0.81	U	0.8	U	0.66	J	0.081	J	0.062
Di-n-Octyl Phthalate	J	0.15	U	0.8	J	0.25	U	0.69	U	0.71
Benzo(b)Fluoranthene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Benzo(k)Fluoranthene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Benzo(a)Pyrene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Indeno(1,2,3-cd)Pyrene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Dibenzo(a,h)Anthracene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71
Benzo(g,h,i)Perylene	U	0.81	U	0.8	U	0.66	U	0.69	U	0.71

SKINNER LANDFILL
Summary of GW Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	GW27D		GW27B		GW27P		GW27P-DP		GW28A	
Sample Date:	03/11/90		03/11/90		03/11/90		03/11/90		02/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
bis(2-Chloroethyl)Ether	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2-Chlorophenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
1,3-Dichlorobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
1,4-Dichlorobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzyl Alcohol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
1,2-Dichlorobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2-Methylphenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
bis(2-Chloroisopropyl)Ether	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
4-Methylphenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
N-Nitroso-Di-n-Propylamine	U	0.72	J	0.54	U	0.66	U	0.75	U	0.81
Hexachloroethane	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Nitrobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Isophorone	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2-Nitrophenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,4-Dimethylphenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzoic Acid	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
bis(2-Chloroethoxy)Methane	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,4-Dichlorophenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
1,2,4-Trichlorobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Naphthalene	U	0.72		1.4	U	0.66		1.5	U	0.81
4-Chloroaniline	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Hexachlorobutadiene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
4-Chloro-3-Methylphenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2-Methylnaphthalene	U	0.72	U	0.78	U	0.66	J	0.036	U	0.81
Hexachlorocyclopentadiene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,4,6-Trichlorophenol	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,4,5-Trichlorophenol	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
2-Chloronaphthalene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2-Nitroaniline	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
Dimethyl Phthalate	J	0.12	J	0.2	U	0.66	J	0.15	U	0.81
Acenaphthylene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,6-Dinitrotoluene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
3-Nitroaniline	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
Acenaphthene	U	0.72	J	0.035	U	0.66	U	0.75	U	0.81
2,4-Dinitrophenol	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
4-Nitrophenol	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
Dibenzofuran	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
2,4-Dinitrotoluene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Diethylphthalate	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
4-Chlorophenyl-phenylether	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Fluorene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
4-Nitroaniline	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
4,6-Dinitro-2-Methylphenol	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
N-Nitrosodiphenylamine(1)	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
4-Bromophenyl-phenylether	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Hexachlorobenzene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Pentachlorophenol	U	3.5	U	3.8	U	3.2	U	3.6	U	3.9
Phenanthrene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Anthracene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Di-n-Butylphthalate	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Fluoranthene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Pyrene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Butylbenzylphthalate	J	0.069	J	0.063	U	0.66	U	0.75	U	0.81
3,3'-Dichlorobenzidine	U	1.4	U	1.6	U	1.3	U	1.5	U	1.6
Benzo(a)Anthracene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Chrysene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
bis(2-Ethylhexyl)Phthalate	J	0.053	U	0.78	U	0.66	U	0.75	U	0.81
Di-n-Octyl Phthalate	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzo(b)Fluoranthene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzo(k)Fluoranthene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzo(a)Pyrene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Indeno(1,2,3-cd)Pyrene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Dibenzo(a,h)Anthracene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81
Benzo(g,h,i)Perylene	U	0.72	U	0.78	U	0.66	U	0.75	U	0.81

SKINNER LANDFILL
Summary of GW Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	GW28A-DP		GW28A-PB		GW28B		GW28C		GW29A	
Sample Date:	02/21/90		02/21/90		02/21/90		02/21/90		02/28/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
bis(2-Chloroethyl)Ether	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2-Chlorophenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
1,3-Dichlorobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
1,4-Dichlorobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzyl Alcohol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
1,2-Dichlorobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2-Methylphenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
bis(2-Chloroisopropyl)Ether	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Methylphenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
N-Nitroso-Di-n-Propylamine	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Hexachloroethane	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Nitrobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Isophorone	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2-Nitrophenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4-Dimethylphenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzoic Acid	U	3.7	U	3.2	U	3.6	U	4	J	0.19
bis(2-Chloroethoxy)Methane	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4-Dichlorophenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
1,2,4-Trichlorobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Naphthalene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Chloroaniline	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Hexachlorobutadiene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Chloro-3-Methylphenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2-Methylnaphthalene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Hexachlorocyclopentadiene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4,6-Trichlorophenol	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4,5-Trichlorophenol	U	3.7	U	3.2	U	3.6	U	4	U	3.7
2-Chloronaphthalene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2-Nitroaniline	U	3.7	U	3.2	U	3.6	U	4	U	3.7
Dimethyl Phthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Acenaphthylene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,6-Dinitrotoluene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
3-Nitroaniline	U	3.7	U	3.2	U	3.6	U	4	U	3.7
Acenaphthene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4-Dinitrophenol	U	3.7	U	3.2	U	3.6	U	4	U	3.7
4-Nitrophenol	U	3.7	U	3.2	U	3.6	U	4	U	3.7
Dibenzofuran	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
2,4-Dinitrotoluene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Diethylphthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Chlorophenyl-phenylether	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Fluorene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Nitroaniline	U	3.7	U	3.2	U	3.6	U	4	U	3.7
4,6-Dinitro-2-Methylphenol	U	3.7	U	3.2	U	3.6	U	4	U	3.7
N-Nitrosodiphenylamine(1)	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
4-Bromophenyl-phenylether	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Hexachlorobenzene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Pentachlorophenol	U	3.7	U	3.2	U	3.6	U	4	U	3.7
Phenanthrene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Anthracene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Di-n-Butylphthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Fluoranthene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Pyrene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Butylbenzylphthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
3,3'-Dichlorobenzidine	U	1.5	U	1.3	U	1.5	U	1.7	U	1.5
Benzo(a)Anthracene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Chrysene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
bis(2-Ethylhexyl)Phthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Di-n-Octyl Phthalate	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzo(b)Fluoranthene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzo(k)Fluoranthene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzo(a)Pyrene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Indeno(1,2,3-cd)Pyrene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Dibenzo(a,h)Anthracene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77
Benzo(g,h,i)Perylene	U	0.76	U	0.65	U	0.75	U	0.84	U	0.77

SKINNER LANDFILL
Summary of GW Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWHS Sample Id:	GW29B		GW29B-FB		GW33A-MS		GW33C		GW33D	
Sample Date:	02/28/90		02/28/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
bis(2-Chloroethyl)Ether	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2-Chlorophenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
1,3-Dichlorobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
1,4-Dichlorobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzyl Alcohol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
1,2-Dichlorobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2-Methylphenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
bis(2-Chloroisopropyl)Ether	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Methylphenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
N-Nitroso-Di-n-Propylamine	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Hexachloroethane	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Nitrobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Isophorone	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2-Nitrophenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4-Dimethylphenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzoic Acid	J	0.1	U	3.2	U	3.9	U	3.6	U	3.6
bis(2-Chloroethoxy)Methane	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4-Dichlorophenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
1,2,4-Trichlorobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Naphthalene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Chloroaniline	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Hexachlorobutadiene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Chloro-3-Methylphenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2-Methylnaphthalene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Hexachlorocyclopentadiene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4,6-Trichlorophenol	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4,5-Trichlorophenol	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
2-Chloronaphthalene	U	0.73	U	0.66	U	0.76	U	0.75	U	0.75
2-Nitroaniline	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
Dimethyl Phthalate	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Acenaphthylene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,6-Dinitrotoluene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
3-Nitroaniline	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
Acenaphthene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4-Dinitrophenol	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
4-Nitrophenol	U	0.73	U	3.2	U	3.9	U	3.6	U	3.6
Dibenzofuran	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
2,4-Dinitrotoluene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Diethylphthalate	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Chlorophenyl-phenylether	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Fluorene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Nitroaniline	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
4,6-Dinitro-2-Methylphenol	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
N-Nitrosodiphenylamine(1)	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
4-Bromophenyl-phenylether	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Hexachlorobenzene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Pentachlorophenol	U	3.5	U	3.2	U	3.9	U	3.6	U	3.6
Phenanthrene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Anthracene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Di-n-Butylphthalate	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Fluoranthene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Pyrene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Butylbenzylphthalate	U	0.73	U	0.6	U	0.79	U	0.75	U	0.75
3,3'-Dichlorobenzidine	U	1.5	U	1.3	U	1.6	U	1.5	U	1.5
Benzo(a)Anthracene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Chrysene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
bis(2-Ethylhexyl)Phthalate	J	0.081	U	0.66	U	0.79	U	0.75	J	0.091
Di-n-Octyl Phthalate	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzo(b)Fluoranthene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzo(k)Fluoranthene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzo(a)Pyrene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Indeno(1,2,3-cd)Pyrene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Dibenzo(a,h)Anthracene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75
Benzo(g,h,i)Perylene	U	0.73	U	0.66	U	0.79	U	0.75	U	0.75

SKINNER LANDFILL
Summary of GW Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWRE Sample Id:	GW33B		GW38A		GW38B		GW38C		GW38D	
Sample Date:	03/24/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
bis(2-Chloroethyl)Ether	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2-Chlorophenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
1,3-Dichlorobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
1,4-Dichlorobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Benzyl Alcohol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
1,2-Dichlorobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2-Methylphenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
bis(2-Chloroisopropyl)Ether	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
4-Methylphenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
N-Nitroso-Di-n-Propylamine	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Hexachloroethane	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Nitrobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Isophorone	U	0.76	U	0.41	J	0.21	U	0.39	U	0.38
2-Nitrophenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4-Dimethylphenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Benzoic Acid	U	3.7	U	2	U	1.8	U	1.9	U	1.8
bis(2-Chloroethoxy)Methane	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4-Dichlorophenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
1,2,4-Trichlorobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Naphthalene	U	0.76	U	0.41	J	0.22	U	0.39	U	0.38
4-Chloroaniline	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Hexachlorobutadiene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
4-Chloro-3-Methylphenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2-Methylnaphthalene	U	0.76	U	0.41	J	0.064	U	0.39	U	0.38
Hexachlorocyclopentadiene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4,6-Trichlorophenol	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4,5-Trichlorophenol	U	3.7	U	2	U	1.8	U	1.9	U	1.8
2-Chloronaphthalene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2-Nitroaniline	U	3.7	U	2	U	1.8	U	1.9	U	1.8
Dimethyl Phthalate	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Acenaphthylene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,6-Dinitrotoluene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
3-Nitroaniline	U	3.7	U	2	U	1.8	U	1.9	U	1.8
Acenaphthene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4-Dinitrophenol	U	3.7	U	2	U	1.8	U	1.9	U	1.8
4-Nitrophenol	U	3.7	U	2	U	1.8	U	1.9	U	1.8
Dibenzofuran	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
2,4-Dinitrotoluene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Diethylphthalate	U	0.76	U	0.41	U	0.37	J	0.078	U	0.38
4-Chlorophenyl-phenylether	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Fluorene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
4-Nitroaniline	U	3.7	U	2	U	1.8	U	1.9	U	1.8
4,6-Dinitro-2-Methylphenol	U	3.7	U	2	U	1.8	U	1.9	U	1.8
N-Nitrosodiphenylamine(1)	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
4-Bromophenyl-phenylether	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Hexachlorobenzene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Pentachlorophenol	U	3.7	U	2	U	1.8	U	1.9	U	1.8
Phenanthrene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Anthracene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Di-n-Butylphthalate	J	0.073	J	0.07	J	0.055	J	0.085	J	0.18
Fluoranthene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Pyrene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Butylbenzylphthalate	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
3,3'-Dichlorobenzidine	U	1.5	U	0.8	U	0.74	U	0.77	U	0.74
Benzo(a)Anthracene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Chrysene	U	0.76	J	0.06	U	0.37	U	0.39	U	0.38
bis(2-Ethylhexyl)Phthalate	U	0.76	J	0.045		0.79	J	0.33	J	0.14
Di-n-Octyl Phthalate	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Benzo(b)Fluoranthene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Benzo(k)Fluoranthene	U	0.76	J	0.05	U	0.37	U	0.39	U	0.38
Benzo(a)Pyrene	U	0.76	U	0.41	U	0.37	J	0.15	J	0.062
Indeno(1,2,3-cd)Pyrene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38
Dibenzo(a,h)Anthracene	U	0.76		0.41	U	0.37	U	0.39	U	0.38
Benzo(g,h,i)Perylene	U	0.76	U	0.41	U	0.37	U	0.39	U	0.38

SKINNER LANDFILL
Summary of GW Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	GW26A		GW26A-DL		GW26B		GW26B-FB		GW27B		GW27C		GW27D	
Sample Date:	03/21/90		03/21/90		03/21/90		03/21/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
beta-BHC	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
delta-BHC	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
gamma-BHC (Lindane)	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
Heptachlor	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
Aldrin	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
Heptachlor epoxide	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
Endosulfan I	U	0.02	U	0.079	U	0.019	U	0.016	U	0.017	U	0.017	U	0.017
Dieldrin	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
4,4'-DDE	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
Endrin	X	0.61	D	0.65	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
Endosulfan II	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
4,4'-DDD	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
Endosulfan sulfate	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
4,4'-DDT	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
Methoxychlor	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Endrin ketone	U	0.04	U	0.16	U	0.039	U	0.032	U	0.034	U	0.034	U	0.035
alpha-Chlordane	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
gamma-Chlordane	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Toxaphene	U	0.4	U	1.6	U	0.39	U	0.32	U	0.34	U	0.34	U	0.35
Aroclor-1016	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Aroclor-1221	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Aroclor-1232	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Aroclor-1242	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Aroclor-1248	U	0.2	U	0.79	U	0.19	U	0.16	U	0.17	U	0.17	U	0.17
Aroclor-1254	U	0.4	U	1.6	U	0.39	U	0.32	U	0.34	U	0.34	U	0.35
Aroclor-1260	U	0.4	U	1.6	U	0.39	U	0.32	U	0.34	U	0.34	U	0.35

SKINNER LANDFILL
Summary of GW Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	GW27B		GW27F		GW27F-DP		GW28A		GW28A-DP		GW28A-FB		GW28B	
Sample Date:	03/11/90		03/11/90		03/11/90		02/21/90		02/21/90		02/21/90		02/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
beta-BHC	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
delta-BHC	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
gamma-BHC (Lindane)	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
Heptachlor	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
Aldrin	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
Heptachlor epoxide	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
Endosulfan I	U	0.19	U	0.18	U	0.18	U	0.015	U	0.0095	U	0.0081	U	0.009
Dieldrin	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
4,4'-DDE	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
Endrin	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
Endosulfan II	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
4,4'-DDD	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
Endosulfan sulfate	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
4,4'-DDT	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
Methoxychlor	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Endrin ketone	U	0.38	U	0.36	U	0.36	U	0.031	U	0.019	U	0.016	U	0.018
alpha-Chlordane	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
gamma-Chlordane	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Toxaphene	U	3.8	U	3.6	U	3.6	U	0.31	U	0.19	U	0.16	U	0.18
Aroclor-1016	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Aroclor-1221	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Aroclor-1232	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Aroclor-1242	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Aroclor-1248	U	1.9	U	1.8	U	1.8	U	0.15	U	0.095	U	0.081	U	0.09
Aroclor-1254	U	3.8	U	3.6	U	3.6	U	0.31	U	0.19	U	0.16	U	0.18
Aroclor-1260	U	3.8	U	3.6	U	3.6	U	0.31	U	0.19	U	0.16	U	0.18

SKINNER LANDFILL
Summary of GW Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	GW28C		GW29A		GW29B		GW29B-FB		GW35A-MS		GW35C		GW35D	
Sample Date:	02/21/90		02/28/90		02/28/90		02/28/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
beta-BHC	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
delta-BHC	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
gamma-BHC (Lindane)	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
Heptachlor	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
Aldrin	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
Heptachlor epoxide	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
Endosulfan I	U	0.01	U	0.019	U	0.018	U	0.016	U	0.019	U	0.018	U	0.018
Dieldrin	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
4,4'-DDE	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
Endrin	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
Endosulfan II	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
4,4'-DDD	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
Endosulfan sulfate	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
4,4'-DDT	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
Methoxychlor	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Endrin ketone	U	0.02	U	0.037	U	0.035	U	0.032	U	0.039	U	0.036	U	0.036
alpha-Chlordane	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
gamma-Chlordane	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Toxaphene	U	0.2	U	0.37	U	0.35	U	0.32	U	0.39	U	0.36	U	0.36
Aroclor-1016	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Aroclor-1221	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Aroclor-1232	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Aroclor-1242	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Aroclor-1248	U	0.1	U	0.19	U	0.18	U	0.16	U	0.19	U	0.18	U	0.18
Aroclor-1254	U	0.2	U	0.37	U	0.35	U	0.32	U	0.39	U	0.36	U	0.36
Aroclor-1260	U	0.2	U	0.37	U	0.35	U	0.32	U	0.39	U	0.36	U	0.36

SKINNER LANDFILL
Summary of GW Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	GW35B		GW38A		GW38B		GW38C		GW38D	
Sample Date:	03/26/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
beta-BHC	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
delta-BHC	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
gamma-BHC (Lindane)	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
Heptachlor	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
Aldrin	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
Heptachlor epoxide	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
Endosulfan I	U	0.018	U	0.0097	U	0.009	U	0.0094	U	0.009
Dieldrin	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
4,4'-DDE	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
Endrin	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
Endosulfan II	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
4,4'-DDD	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
Endosulfan sulfate	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
4,4'-DDT	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
Methoxychlor	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Endrin ketone	U	0.037	U	0.019	U	0.018	U	0.019	U	0.018
alpha-Chlordane	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
gamma-Chlordane	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Toxaphene	U	0.37	U	0.19	U	0.18	U	0.19	U	0.18
Aroclor-1016	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Aroclor-1221	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Aroclor-1232	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Aroclor-1242	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Aroclor-1248	U	0.18	U	0.097	U	0.09	U	0.094	U	0.09
Aroclor-1254	U	0.37	U	0.19	U	0.18	U	0.19	U	0.18
Aroclor-1260	U	0.37	U	0.19	U	0.18	U	0.19	U	0.18

SKINNER LANDFILL
Summary of GW Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	GW26A		GW26B		GW26B-FB		GW27B		GW27C		GW27D		GW27E	
Sample Date:	03/21/90		03/21/90		03/21/90		03/11/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	10900	P	9040	P	55.5	P	3830	P	6900	P	4090	P	3370
Antimony	UP	4.3	UP	4.7	UP	3.3	UP	2.7	BP	3.4	UP	2.9	BP	5.2
Arsenic	F	6.7	F	6.6	UF	0.41	F	3.5	F	3.9	F	4.8	F	6.3
Barium	P	135	P	121	BP	2.8	BP	25.4	BP	22.7	BP	17.6	BP	14.4
Beryllium	BP	0.75	BP	0.48	UP	0.2	BP	0.36	BP	0.24	BP	0.33	UP	0.21
Cadmium	BP	0.92	P	7.2	P	2	UP	0.39	UP	0.42	UP	0.41	UP	0.43
Calcium	P	20600	P	69000	BP	487	P	130000	P	129000	P	165000	P	191000
Chromium	P	13.5	P	11.7	UP	1.8	P	6.2	P	13.5	P	6.3	P	6.2
Cobalt	BP	8.7	BP	8.4	UP	1.4	BP	4	BP	4.9	BP	3.4	BP	2.9
Copper	P	16.3	P	25.1	P	5.2	P	12.3	P	19.9	P	12.2	P	11
Iron	P	17000	P	17400	P	21.3	*P	13100	*P	10400	*P	8330	*P	9810
Lead	*F	34.9	*F	28.6	U *F	0.41	NF	6.8	NSF	9	NSF	7.6	NSF	11.3
Magnesium	P	4580	P	8520	UP	7.8	P	30800	P	25400	P	38900	P	58800
Manganese	P	1790	P	1400	BP	0.31	P	410	P	533	P	432	P	789
Mercury	UCV	0.11	UCV	0.11	UCV	0.07	UCV	0.1	UCV	0.09	UCV	0.11	UCV	0.09
Nickel	P	20.8	P	18.3	BP	2.7	P	8.3	P	16.9	P	8.3	P	9.6
Potassium	P	1560	P	1490	BP	71.7	P	974	P	1550	P	1150	BP	970
Selenium	UWNF	0.56	UWNF	0.45	UNF	0.41	UWF	0.2	UWF	0.21	UWF	0.21	UWF	0.23
Silver	UP	1.5	UP	1.6	UP	1.2	UP	0.58	UP	0.64	UP	0.61	UP	0.64
Sodium	BP	215	BP	334	BP	132	BP	277	BP	334	BP	342	BP	307
Thallium	BF	0.48	BF	0.36	UF	0.2	UF	0.2	UF	0.21	UF	0.21	UF	0.23
Vanadium	P	21.4	P	17.7	UP	0.78	P	11.2	P	17.3	P	13.2	BP	10.7
Zinc	P	73.8	P	82.5	P	7	*P	29.1	*P	29.8	*P	22	*P	28.5
Cyanide	UNAS	3.1	UNAS	4.5	UNAS	2.6	UC	0.53	UC	0.55	UC	0.53	UC	0.6

SKINNER LANDFILL
Summary of GW Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	GW27F		GW27F-DP		GW28A		GW28A-DP		GW28A-FB		GW28B		GW28C	
Sample Date:	03/11/90		03/11/90		02/22/90		02/22/90		02/22/90		02/22/90		02/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	3600	P	4920	P	14100	P	12100	BP	30.2	P	6480	P	11400
Antimony	UP	3.1	UP	3.1	UNUJP	7	BNJP	13.1	UNUJP	5.8	UNUJP	6.5	UNUJP	6.9
Arsenic	F	6.8	F	5.6	NSJF	10.7	BNSJF	4.5	UNUJF	0.4	NJF	7	NJF	3.6
Barium	BP	30.2	BP	33.8	P	130	P	152	UP	6	BP	24.9	P	67
Beryllium	UP	0.22	BP	0.34	BP	0.51	BP	0.35	UP	0.2	UP	0.22	BP	0.43
Cadmium	UP	0.44	UP	0.44	UP	0.72	UP	0.69	UP	0.6	UP	0.67	UP	0.71
Calcium	P	215000	P	202000	EJP	170000	EJP	160000	BEJP	19.7	EJP	176000	EJP	163000
Chromium	P	4.8	P	6.5	P	14.6	P	13.4	BJP	1.4	JP	8.1	P	14.4
Cobalt	BP	3.3	BP	3.9	BP	9.2	BP	7.8	UP	2.8	BP	4.2	BP	11.3
Copper	P	9.2	P	10.4	P	16.3	P	22.7	UP	1	P	15.3	P	9
Iron	*P	11300	*P	11500	EJP	23800	EJP	20200	EJP	66	EJP	17600	EJP	24900
Lead	NF	8.8	NSF	7.6	NJF	15	NJF	18.6	BNJF	0.26	NJF	8.8	NJF	21.5
Magnesium	P	27700	P	24900	EJP	9660	EJP	9750	UEJP	20	EJP	21400	EJP	5980
Manganese	P	1030	P	929	P	1760	P	1580	UP	0.8	P	464	P	770
Mercury	UCV	0.09	UCV	0.11	UCV	0.12	UCV	0.11	UCV	0.1	UCV	0.11	UCV	0.12
Nickel	BP	7.8	P	9.6	JP	27.2	JP	16.4	BJP	6.6	JP	28.2	JP	25.3
Potassium	BP	1060	P	1500	P	2010	P	2390	UP	258	P	1600	P	2960
Selenium	UWF	0.22	UWF	0.21	UNWUJF	0.72	UNUJF	6.9	BNJF	0.66	UNWUJF	0.67	UNUJF	7.1
Silver	UP	0.66	UP	0.66	UP	0.97	UP	0.91	UP	0.8	UP	0.89	BP	1.1
Sodium	BP	423	BP	413	BP	99.6	BP	165	UP	30.2	BP	84.3	BP	169
Thallium	BF	0.24	UF	0.21	UWUJF	0.24	BF	0.27	UF	0.2	UF	0.22	UWUJF	0.24
Vanadium	BP	8.4	P	12	P	29	P	23.6	UP	1.6	P	13.5	P	17.7
Zinc	*P	19.5	*P	23.5	NJP	47	NJP	40.4	UNP	0.8	NJP	59.6	NJP	49
Cyanide	UC	0.56	UC	0.6	UC	1.2	UC	1.1	UC	1	UC	1.1	UC	1.2

SKINNER LANDFILL
Summary of GW Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	GW29A		GW29B		GW29B-FB		GW35A-MS		GW35C		GW35D		GW35E	
Sample Date:	02/27/90		02/27/90		02/27/90		03/26/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	*P	2450	*P	13200	B*P	18.8	P	12400	P	13300	P	14600	P	11900
Antimony	UNP	3.5	UNP	3.8	UNP	3.4	UNRP	5.2	UNRP	5	UNRP	5	UNRP	5
Arsenic	F	5.1	F	3.3	BF	0.49	SNF	5.2	SNF	5.1	SNF	5.4	NF	2.9
Barium	BP	11.1	BP	24.3	UP	0.57	P	97.6	P	63.8	P	49.6	P	97.6
Beryllium	UP	0.39	UP	0.42	UP	0.38	BP	0.34	BP	0.97	BP	1	BP	0.85
Cadmium	UNP	0.39	UNP	0.42	UNP	0.38	BP	0.55	UP	0.23	UP	0.23	UP	0.23
Calcium	P	158000	P	84300	BP	27.8	P	3230	P	108000	P	110000	P	97600
Chromium	NP	7.5	NP	18.8	BNP	1.1	P	16.4	P	13.8	P	15.4	P	12.1
Cobalt	BP	3.1	P	12	UP	0.76	P	12.1	P	11.7	BP	9.2	BP	7.8
Copper	*P	9.9	*P	17.2	*P	5.8	P	18.5	P	17.6	P	16.6	P	14.6
Iron	P	6980	P	24100	P	63.7	P	21300	P	21200	P	20800	P	17300
Lead	F	6.1	F	5.5	UF	0.39	NF	17.6	SNF	14.8	NF	10.7	NF	11.2
Magnesium	*P	46500	*P	12700	B*P	14.9	P	2370	P	22200	P	21700	P	30500
Manganese	*P	337	*P	735	U*P	0.19	P	1180	P	885	P	593	P	542
Mercury	UCV	0.09	UCV	0.1	UCV	0.1	UCV	0.12	UCV	0.11	UCV	0.11	UCV	0.11
Nickel	P	8.4	P	23.5	UP	0.94	P	18.1	P	29.5	P	19.5	P	17.1
Potassium	BP	620	P	2560	UP	15.5	P	1710	P	2810	P	3040	P	1890
Selenium	UNWF	2.9	UNF	0.64	BNF	0.62	UF	0.95	UWF	0.91	UWF	0.92	UF	0.91
Silver	UNP	1.2	UNP	1.3	UNP	1.1	UP	0.48	UP	0.46	UP	0.46	UP	0.45
Sodium	BP	155	BP	213	UP	12.1	BP	81.3	BP	208	BP	277	BP	344
Thallium	UF	0.59	UWF	0.64	UF	0.58	UWF	0.48	UF	0.46	UF	0.46	UF	0.45
Vanadium	BP	8	P	19	UP	0.38	P	23.7	P	21.5	P	23.4	P	21.4
Zinc	*P	15.9	*P	51.4	U*P	0.76	*P	59.1	*P	52.8	*P	50.6	*P	42.8
Cyanide	UNAS	1	UNAS	1.1	UNAS	0.99	UNAS	0.6	UNAS	0.57	UNAS	0.57	UNAS	0.57

SKINNER LANDFILL
Summary of GW Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	GW38A		GW38B		GW38C		GW38D	
Sample Date:	03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	15200	P	4030	P	10200	P	4800
Antimony	UNP	7.2	UNP	6.5	UNP	6.7	NP	14.9
Arsenic	N*F	5.9	BN*WF	2.2	NS*F	5.3	NS*F	4.5
Barium	P	166	P	57.7	P	73.2	BP	31.3
Beryllium	BP	0.91	BP	0.38	BP	0.33	UP	0.22
Cadmium	UP	0.74	UP	0.67	UP	0.7	UP	0.66
Calcium	P	9090	P	191000	P	96500	P	173000
Chromium	P	17.4	P	4	P	10.6	P	5
Cobalt	P	13.4	UP	3.1	BP	4.4	UP	3.1
Copper	P	18.6	BP	5.5	P	11.6	BP	5.2
Iron	P	26500	P	9600	P	13900	P	8110
Lead	S*F	36.3	S*F	11.4	*F	11.1	*F	10.5
Magnesium	*P	3200	*P	32000	*P	33000	*P	63200
Manganese	*P	1830	*P	727	*P	390	*P	360
Mercury	CV	0.12	CV	0.11	CV	0.12	CV	0.11
Nickel	P	25.9	UP	6	P	11.6	P	11
Potassium	P	2160	BP	828	P	1870	P	1170
Selenium	UNWF	0.74	UNF	0.67	UNWF	0.7	UNF	0.66
Silver	UP	0.99	UP	0.9	UP	0.93	UP	0.88
Sodium	BP	155	BP	187	BP	166	BP	166
Thallium	UNF	0.25	BNF	0.26	BNF	0.33	BNF	0.33
Vanadium	P	26.2	BP	10.4	P	19.7	P	19.7
Zinc	P	72.5	P	36.2	P	42.1	P	42.1
Cyanide	UC	1.2	UC	1.1	UC	1.2	UC	1.2

SKINNER LANDFILL
Summary of GW Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
GW26A	04/03/90		8700
GW26B	04/03/90		43600
GW26B-FB	04/03/90	U	1000
GW27B	04/24/90		47900
GW27C	04/24/90		76500
GW27D	04/24/90		81000
GW27E	03/11/90		43700
GW27F	04/24/90		20600
GW27F-DP	04/24/90		40000
GW28A	02/22/90		61000
GW28A-DP	02/22/90		85900
GW28A-FB	02/22/90	U	1000
GW28B	02/22/90		42000
GW28C	02/22/90		38100
GW29A	02/21/90		42200
GW29B	02/21/90		28500
GW29B-FB	02/21/90	U	1000
GW35A-MS	03/25/90		23600
GW35C	03/25/90		28300
GW35D	03/25/90		18700
GW35E	03/25/90		37200
GW38A	03/05/90		24700
GW38B	03/05/90		42600
GW38C	03/05/90		41800
GW38D	03/05/90		51600

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	GW26A		GW26B		GW26B-FB		GW27B		GW27C		GW27D		GW27E	
Sample Date:	03/19/90		03/19/90		03/19/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.073		0.077	U	0.00039	U	0.0004		0.0057		0.0053		0.085
Hexachlorocylopentadiene	U	0.69	U	0.47	U	0.031	U	0.032	U	0.033	U	0.032	U	0.035
Hexachlorobutadiene	U	0.019	U	0.013	*	0.001	U	0.00085	U	0.00089	U	0.00086	U	0.00093
Octachlorocyclopentene	U	0.18	U	0.12	U	0.0081	U	0.0083	U	0.0086	U	0.0084	U	0.0091
1,2,3,4,5,7,7-Heptachloronorborene	U	0.016	U	0.011	U	0.00071	U	0.00073		0.0027		0.0015	U	0.0008
Chlordene	U	0.022	U	0.015	U	0.00097	U	0.00099		0.0018	U	0.001	U	0.0011

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	GW27F		GW27F-DP		GW28A		GW28A-DP		GW28A-FB		GW28B		GW28C	
Sample Date:	03/05/90		03/05/90		02/22/90		02/22/90		02/22/90		02/22/90		02/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.018		0.024		0.00052	U	0.00044		0.00073	U	0.00044	U	0.00089
Hexachlorocylopentadiene	U	0.042	U	0.035	U	0.035	U	0.035	U	0.031	U	0.035	U	0.071
Hexachlorobutadiene		0.0016		0.0015	U	0.00093	U	0.00095	U	0.00083	U	0.00093	U	0.0019
Octachlorocyclopentene	U	0.011	U	0.0092	U	0.0091	U	0.0092	U	0.0081	U	0.0091	U	0.018
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00097	U	0.00081	U	0.0008	U	0.00081	U	0.00071	U	0.00079	U	0.0016
Chlordene	U	0.0013		0.0037	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U	0.0022

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	GW29A		GW29B		GW29B-FB		GW35A-MS		GW35C		GW35D		GW35E	
Sample Date:	02/27/90		02/27/90		02/27/90		03/26/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.00041	U	0.00042		0.00072		0.0015	U	0.00045		0.0012		0.0038
Hexachlorocylopentadiene	U	0.033	U	0.033	U	0.032	U	0.036	*	0.04	U	0.035	*	0.047
Hexachlorobutadiene	U	0.00087	U	0.00089	U	0.00086		0.0066	1	0.0011	*	0.035	*	0.0016
Octachlorocyclopentene	U	0.0085	U	0.0087	U	0.0084	U	0.0095	U	0.0093	1	0.013	U	0.0081
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00075	U	0.00076	U	0.00073		0.002		0.019	1	0.006		0.0017
Chlordene	U	0.001	U	0.0012	U	0.001	U	0.0011		0.0016	U	0.0011	U	0.00097

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:		GW38A		GW38B		GW38C		GW38D
Sample Date:		03/05/90		03/05/90		03/05/90		03/05/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.00048		0.0012		0.0012	U	0.00041
Hexachlorocylopentadiene	U	0.038	U	0.034	U	0.036	U	0.033
Hexachlorobutadiene	U	0.001	U	0.0009	U	0.00096	U	0.00088
Octachlorocyclopentene	U	0.0089	U	0.0088	U	0.0094	U	0.0086
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0009	U	0.00077	U	0.00082	U	0.00075
Chlordene	U	0.0012	U	0.0011	U	0.0011	U	0.001

SKINNER LANDFILL
Summary of GW Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	GW26A		GW26B		GW26B-FB		GW27B		GW27C		GW27D		GW27E	
Sample Date:	04/03/90		04/03/90		04/03/90		03/11/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.6	U	1.1	U	1.7	U	1.7	U	1.4	U	1.7	U	1.7
Total TETRA CDD	U	1.6	U	1.1	U	1.7	U	1.7	U	1.4	U	1.7	U	1.7
Total PENTA CDD	U	2.4	U	1.4	U	2	U	2.9	U	1.1	U	2.9	U	3.2
Total HEXA CDD	U	3.9	U	3.2	U	4.8	U	2.6	U	4.3	U	4.3	U	3.5
Total HEPTA CDD	U	5.5	U	7.1	U	5.5	U	4	U	3.8	U	4.8	U	4.3
Total OCTA CDD	U	8.6	U	6.1	U	10.9	U	6.8	U	5	U	7.3	U	5.4
2,3,7,8-TCDF	U	1.8	U	1.2	U	1.2	U	0.6	U	0.4	U	1.2	U	0.9
Total TETRA CDF	U	1.8	U	1.2	U	1.2	U	0.6	U	0.4	U	1.2	U	0.9
Total PENTA CDF	U	1.3	U	2.3	U	1.5	U	0.9	U	0.9	U	1.3	U	2.4
Total HEXA CDF	U	2	U	2	U	1.8	U	1.2	U	2	U	1.2	U	1.4
Total HEPTA CDF	U	4.1	U	10.2	U	9.6	U	2.8	U	2.5	U	5.1	U	3
Total OCTA CDD	U	6.7	U	5.1	U	4.7	U	4.6	U	3.8	U	3.6	U	2.9

SKINNER LANDFILL
Summary of GW Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWBS Sample Id:	GW27F		GW27F-DP		GW27F-DP2		GW29A		GW29B		GW29B-FB		GW35A-MS	
Sample Date:	03/11/90		03/11/90		03/11/90		02/27/90		02/27/90		02/27/90		03/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.1	U	0.5	U	1.2	U	0.5	U	1.5	U	0.6	U	1.3
Total TETRA CDD	U	1.1	U	0.5	U	1.2	U	0.5	U	1.5	U	0.6	U	1.3
Total PENTA CDD	U	0.8	U	1.5	U	4.1	U	2.3	U	1.2	U	3.6	U	4.3
Total HEXA CDD	U	6.3	U	3.2	U	5.9	U	3.5	U	4.9	U	1.6	U	2
Total HEPTA CDD	U	6	U	16	U	4.7	U	3.2		1	U	1	U	3.2
Total OCTA CDD	U	5.7	U	9.8	U	9.5	U	2.3	U	2.9	U	2.3	U	6.7
2,3,7,8-TCDF	U	0.6	U	0.9	U	0.6	U	0.8	U	0.5	U	0.5	U	1.1
Total TETRA CDF	U	0.6	U	0.9	U	0.6	U	0.8	U	0.5	U	0.5	U	1.1
Total PENTA CDF	U	1.3	U	4.9	U	3.2	U	0.9	U	0.5	U	1	U	4
Total HEXA CDF	U	0.9	U	2.2	U	1.8	U	0.7	U	1.1	U	1.4	U	2.4
Total HEPTA CDF	U	4.8	U	4.8	U	4	U	1.7	U	2.3	U	0.8	U	5.3
Total OCTA CDD	U	4.3	U	11.1	U	5.4	U	1.4	U	1	U	1.3	U	3

SKINNER LANDFILL
Summary of GW Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWBS Sample Id:	GW35C		GW35D		GW35E		GW38A		GW38B		GW38C		GW38D	
Sample Date:	03/25/90		03/25/90		03/25/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	0.9	U	1.5	U	0.8	U	1.3	U	2.3	U	0.8	U	1.5
Total TETRA CDD	U	0.9	U	1.5	U	0.8	U	1.3	U	2.3	U	0.8	U	1.5
Total PENTA CDD	U	4	U	0.9	U	4.9	U	1.7	U	5.4	U	2.2	U	2.7
Total HEXA CDD	U	5.5	U	2.7	U	2.8	U	5.9	U	13	U	4	U	2.9
Total HEPTA CDD	U	5.9	U	8.6	U	5.2		205	U	10.8	U	10.9	U	8.3
Total OCTA CDD	U	7.4	U	6.5	U	8.7		192	U	3	U	6.1	U	5.3
2,3,7,8-TCDF	U	1.2	U	0.8	U	1.6	U	1		8	U	1.3	U	1
Total TETRA CDF	U	1.2	U	0.8	U	1.6	U	1		8	U	1.3	U	1
Total PENTA CDF	U	2.5	U	1.6	U	1.1	U	1.7	U	1.2	U	4.4	U	1.5
Total HEXA CDF	U	1.2	U	2	U	1.1	U	1.5	U	1.5	U	3.4	U	1.2
Total HEPTA CDF	U	3.9	U	4.5	U	4.9	U	7.8	U	2.8	U	4.6	U	4.6
Total OCTA CDD	U	8.9	U	4.3	U	4.3	U	3.3	U	2.2	U	9.1	U	2.9

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	GW26A		GW26B		GW26B-FB		GW27B		GW27C		GW27D		GW27B	
Sample Date:	03/19/90		03/19/90		03/19/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.073		0.077	U	0.00039	U	0.0004		0.0057		0.0053		0.085
Hexachlorocylopentadiene	U	0.69	U	0.47	U	0.031	U	0.032	U	0.033	U	0.032	U	0.035
Hexachlorobutadiene	U	0.019	U	0.013	*	0.001	U	0.00085	U	0.00089	U	0.00086	U	0.00093
Octachlorocyclopentene	U	0.18	U	0.12	U	0.0081	U	0.0083	U	0.0086	U	0.0084	U	0.0091
1,2,3,4,5,7,7-Heptachloronorborene	U	0.016	U	0.011	U	0.00071	U	0.00073		0.0027		0.0015	U	0.0008
Chlordene	U	0.022	U	0.015	U	0.00097	U	0.00099		0.0018	U	0.001	U	0.0011

SKINNER LANDFILL
Summary of GW Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	GW27F		GW27F-DP		GW28A		GW28A-DP		GW28A-FB		GW28B		GW28C	
Sample Date:	03/05/90		03/05/90		02/22/90		02/22/90		02/22/90		02/22/90		02/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.018		0.024		0.00052	U	0.00044		0.00073	U	0.00044	U	0.00089
Hexachlorocylopentadiene	U	0.042	U	0.035	U	0.035	U	0.035	U	0.031	U	0.035	U	0.071
Hexachlorobutadiene		0.0016		0.0015	U	0.00093	U	0.00095	U	0.00083	U	0.00093	U	0.0019
Octachlorocyclopentene	U	0.011	U	0.0092	U	0.0091	U	0.0092	U	0.0081	U	0.0091	U	0.018
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00097	U	0.00081	U	0.0008	U	0.00081	U	0.00071	U	0.00079	U	0.0016
Chlordene	U	0.0013		0.0037	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U	0.0022

SKINNER LANDFILL
Summary of RW Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	RW01		RW03-MS		RW25		RW25-DP		RW25-TB		RW35	
Sample Date:	06/05/90		06/05/90		06/05/90		06/05/90		06/05/90		06/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	5		7	U	5
Acetone	U	10	U	10	U	15	U	10	U	20	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of RW Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	RW01		RW03-MS		RW25		RW25-DP		RW25-RB	
Sample Date:	06/05/90		06/05/90		06/05/90		06/05/90		06/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.88	U	0.88	R	0.88	R	0.88	R	0.88
bis(2-Chloroethyl)Ether	U	1.04	U	1.04	R	1.04	R	1.04	R	1.04
2-Chlorophenol	U	0.6	U	0.6	R	0.6	R	0.6	R	0.6
1,3-Dichlorobenzene	U	0.77	U	0.77	R	0.77	R	0.77	R	0.77
1,4-Dichlorobenzene	U	0.62	U	0.62	R	0.62	R	0.62	R	0.62
Benzyl Alcohol	U	1.52	U	1.52	R	1.52	R	1.52	R	1.52
1,2-Dichlorobenzene	U	1.1	U	1.1	R	1.1	R	1.1	R	1.1
2-Methylphenol	U	1.08	U	1.08	R	1.08	R	1.08	R	1.08
bis(2-Chloroisopropyl)Ether	U	0.94	U	0.94	R	0.94	R	0.94	R	0.94
4-Methylphenol	U	1.18	U	1.18	R	1.18	R	1.18	R	1.18
N-Nitroso-Di-n-Propylamine	U	1.03	U	1.03	R	1.03	R	1.03	R	1.03
Hexachloroethane	U	2.61	U	2.61	R	2.61	R	2.61	R	2.61
Nitrobenzene	U	0.67	U	0.67	R	0.67	R	0.67	R	0.67
Isophorone	U	0.82	U	0.82	R	0.82	R	0.82	R	0.82
2-Nitrophenol	U	0.43	U	0.43	R	0.43	R	0.43	R	0.43
2,4-Dimethylphenol	U	3.77	U	3.77	R	3.77	R	3.77	R	3.77
Benzoic Acid	U	6.34	U	6.34	R	6.34	R	6.34	R	6.34
bis(2-Chloroethoxy)Methane	U	1.16	U	1.16	R	1.16	R	1.16	R	1.16
2,4-Dichlorophenol	U	0.31	U	0.31	R	0.31	R	0.31	R	0.31
1,2,4-Trichlorobenzene	U	0.85	U	0.85	R	0.85	R	0.85	R	0.85
Naphthalene	U	0.73	U	0.73	R	0.73	R	0.73	R	0.73
4-Chloroaniline	U	0.78	U	0.78	R	0.78	R	0.78	R	0.78
Hexachlorobutadiene	U	1.8	U	1.8	R	1.8	R	1.8	R	1.8
4-Chloro-3-Methylphenol	U	0.58	U	0.58	R	0.58	R	0.58	R	0.58
2-Methylnaphthalene	U	0.66	U	0.66	R	0.66	R	0.66	R	0.66
Hexachlorocyclopentadiene	U	0.87	U	0.87	R	0.87	R	0.87	R	0.87
2,4,6-Trichlorophenol	U	1.14	U	1.14	R	1.14	R	1.14	R	1.14
2,4,5-Trichlorophenol	U	0.84	U	0.84	R	0.84	R	0.84	R	0.84
2-Chloronaphthalene	U	0.86	U	0.86	R	0.86	R	0.86	R	0.86
2-Nitroaniline	U	0.62	U	0.62	R	0.62	R	0.62	R	0.62
Dimethyl Phthalate	U	18.38	U	18.38	R	18.38	R	18.38	R	18.38
Acenaphthylene	U	0.99	U	0.99	R	0.99	R	0.99	R	0.99
2,6-Dinitrotoluene	U	0.43	U	0.43	R	0.43	R	0.43	R	0.43
3-Nitroaniline	U	2.82	U	2.82	R	2.82	R	2.82	R	2.82
Acenaphthene	U	0.92	U	0.92	R	0.92	R	0.92	R	0.92
2,4-Dinitrophenol	U	18.73	U	18.73	R	18.73	R	18.73	R	18.73
4-Nitrophenol	U	1.02	U	1.02	R	1.02	R	1.02	R	1.02
Dibenzofuran	U	0.75	U	0.75	R	0.75	R	0.75	R	0.75
2,4-Dinitrotoluene	U	1.08	U	1.08	R	1.08	R	1.08	R	1.08
Diethylphthalate	U	24.5	U	24.5	J	0.31	R	24.5	R	24.5
4-Chlorophenyl-phenylether	U	0.91	U	0.91	R	0.91	R	0.91	R	0.91
Fluorene	U	0.54	U	0.54	R	0.54	R	0.54	R	0.54
4-Nitroaniline	U	1.67	U	1.67	R	1.67	R	1.67	R	1.67
4,6-Dinitro-2-Methylphenol	U	11.83	U	11.83	R	11.83	R	11.83	R	11.83
N-Nitrosodiphenylamine(I)	U	2.55	U	2.55	R	2.55	R	2.55	R	2.55
4-Bromophenyl-phenylether	U	0.71	U	0.71	R	0.71	R	0.71	R	0.71
Hexachlorobenzene	U	6.53	U	6.53	R	6.53	R	6.53	R	6.53
Pentachlorophenol	U	1.2	U	1.2	R	1.2	R	1.2	R	1.2
Phenanthrene	U	0.87	U	0.87	R	0.87	R	0.87	R	0.87
Anthracene	U	1.21	U	1.21	R	1.21	R	1.21	R	1.21
Di-n-Butylphthalate	U	3	U	3	R	2	R	1.73	R	1.81
Fluoranthene	U	0.83	U	0.83	R	0.83	R	0.83	R	0.83
Pyrene	U	0.68	U	0.68	R	0.68	R	0.68	R	0.68
Butylbenzylphthalate	U	3.05	U	3.05	R	3.05	R	3.05	R	3.05
3,3'-Dichlorobenzidine	U	3.64	U	3.64	R	3.64	R	3.64	R	3.64
Benzo(a)Anthracene	U	1.02	U	1.02	R	1.02	R	1.02	R	1.02
Chrysene	U	0.81	U	0.81	R	0.81	R	0.81	R	0.81
bis(2-Ethylhexyl)Phthalate	U	0.89	U	0.89	R	0.89	R	0.89	R	1
Di-n-Octyl Phthalate	U	0.69	U	0.69	R	0.69	R	0.69	R	0.69
Benzo(b)Fluoranthene	U	0.56	U	0.56	R	0.56	R	0.56	R	0.56
Benzo(k)Fluoranthene	U	0.78	U	0.78	R	0.78	R	0.78	R	0.78
Benzo(a)Pyrene	U	0.91	U	0.91	R	0.91	R	0.91	R	0.91
Indeno(1,2,3-cd)Pyrene	U	0.54	U	0.54	R	0.54	R	0.54	R	0.54
Dibenzo(a,h)Anthracene	U	0.66	U	0.66	R	0.66	R	0.66	R	0.66
Benzo(g,h,i)Perylene	U	0.75	U	0.75	R	0.75	R	0.75	R	0.75

SKINNER LANDFILL
Summary of RW Series Analytical Results
Semi-volatiles
Units in ug/L

WWHS Sample Id:		RW23
Sample Date:		06/05/00
Compound Name	Qual	Conc
Phenol	U	0.88
bis(2-Chloroethyl)Ether	U	1.04
2-Chlorophenol	U	0.6
1,3-Dichlorobenzene	U	0.77
1,4-Dichlorobenzene	U	0.62
Benzyl Alcohol	U	1.52
1,2-Dichlorobenzene	U	1.1
2-Methylphenol	U	1.08
bis(2-Chloroisopropyl)Ether	U	0.94
4-Methylphenol	U	1.18
N-Nitroso-Di-n-Propylamine	U	1.03
Hexachloroethane	U	2.61
Nitrobenzene	U	0.67
Isophorone	U	0.82
2-Nitrophenol	U	0.43
2,4-Dimethylphenol	U	3.77
Benzoic Acid	U	6.34
bis(2-Chloroethoxy)Methane	U	1.16
2,4-Dichlorophenol	U	0.31
1,2,4-Trichlorobenzene	U	0.85
Naphthalene	U	0.73
4-Chloroaniline	U	0.78
Hexachlorobutadiene	U	1.8
4-Chloro-3-Methylphenol	U	0.58
2-Methylnaphthalene	U	0.66
Hexachlorocyclopentadiene	U	0.87
2,4,6-Trichlorophenol	U	1.14
2,4,5-Trichlorophenol	U	0.84
2-Chloronaphthalene	U	0.86
2-Nitroaniline	U	0.62
Dimethyl Phthalate	U	18.38
Acenaphthylene	U	0.99
2,6-Dinitrotoluene	U	0.43
3-Nitroaniline	U	2.82
Acenaphthene	U	0.92
2,4-Dinitrophenol	U	18.73
4-Nitrophenol	U	1.02
Dibenzofuran	U	0.75
2,4-Dinitrotoluene	U	1.08
Diethylphthalate	U	24.5
4-Chlorophenyl-phenylether	U	0.91
Fluorene	U	0.54
4-Nitroaniline	U	1.67
4,6-Dinitro-2-Methylphenol	U	11.83
N-Nitrosodiphenylamine(1)	U	2.55
4-Bromophenyl-phenylether	U	0.71
Hexachlorobenzene	U	6.53
Pentachlorophenol	U	1.2
Phenanthrene	U	0.87
Anthracene	U	1.21
Di-n-Butylphthalate	U	2
Fluoranthene	U	0.83
Pyrene	U	0.68
Butylbenzylphthalate	U	3.05
3,3'-Dichlorobenzidine	U	3.64
Benzo(a)Anthracene	U	1.02
Chrysene	U	0.81
bis(2-Ethylhexyl)Phthalate	U	0.89
Di-n-Octyl Phthalate	U	0.69
Benzo(b)Fluoranthene	U	0.56
Benzo(k)Fluoranthene	U	0.78
Benzo(a)Pyrene	U	0.91
Indeno(1,2,3-cd)Pyrene	U	0.54
Dibenzo(a,h)Anthracene	U	0.66
Benzo(g,h,i)Perylene	U	0.75

SKINNER LANDFILL
Summary of RW Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	RW01		RW03-MS		RW25		RW25-DP		RW35	
Sample Date:	06/08/90		06/08/90		06/08/90		06/08/90		06/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.018	UP	0.018	UP	0.018	UP	0.018	UP	0.018
Antimony	USF	0.003	USF	0.003	USF	0.003	USF	0.003	USF	0.003
Arsenic	USF	0.002	USF	0.002	USF	0.002	USF	0.002	USF	0.002
Barium	BP	0.039	BP	0.0855	BP	0.0431	BP	0.0424	BP	0.0449
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	BSF	0.00214	USF	0.0003	USF	0.0003	USF	0.0003	BSF	0.00053
Calcium	P	113	P	172	P	99.1	P	98.7	P	128
Chromium	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Cobalt	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.004
Copper	BP	0.0107	UP	0.003	BP	0.0075	UP	0.003	BP	0.0052
Iron	P	0.176	BP	0.093	P	1.49	P	1.52	P	0.197
Lead	BSF	0.00282	USF	0.002	BSF	0.00367	USF	0.002	SF	0.00688
Magnesium	P	20.6	P	26.8	P	38.5	P	38.3	P	23.7
Manganese	BP	0.0104	BP	0.013	P	0.671	P	0.663	BP	0.0128
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	UP	0.011	UP	0.011	UP	0.011	UP	0.011	UP	0.011
Potassium	BP	0.776	BP	3.28	BP	3.53	BP	3.77	BP	1.26
Selenium	USF	0.002	USF	0.002	USF	0.002	USF	0.002	USF	0.002
Silver	UNP	0.002	UNP	0.002	UNP	0.002	UNP	0.002	UNP	0.002
Sodium	BEP	3.78	EP	20.9	EP	46.7	EP	46	EP	15.4
Thallium	USF	0.002	USF	0.002	USF	0.002	USF	0.002	USF	0.002
Vanadium	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Zinc	EP	0.179	EP	0.361	EP	0.122	EP	0.0795	EP	1.33
Cyanide	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of RW Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	RW01		RW03-MS		RW25		RW25-DP		RW35	
Sample Date:	06/05/90		06/05/90		06/05/90		06/05/90		06/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0023
beta-BHC	U	0.0016	U	0.0016	U	0.0016	U	0.0016	U	0.0016
delta-BHC	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001
gamma-BHC (Lindane)	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	0.0041
Heptachlor	U	0.0092	U	0.0092	U	0.0092	U	0.0092	U	0.0092
Aldrin	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018
Heptachlor epoxide	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0054
Endosulfan I	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026
Dieldrin	U	0.0025	U	0.0025	U	0.0025	U	0.0025	U	0.0025
4,4'-DDE	U	0.0038	U	0.0038	U	0.0038	U	0.0038	U	0.0038
Endrin	U	0.017	U	0.017	U	0.017	U	0.017	U	0.017
Endosulfan II	U	0.0072	U	0.0072	U	0.0072	U	0.0072	U	0.0072
4,4'-DDD	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011
Endosulfan sulfate	U	0.094	U	0.094	U	0.094	U	0.094	U	0.094
4,4'-DDT	U	0.0083	U	0.0083	U	0.0083	U	0.0083	U	0.0083
Methoxychlor	U	0.02	U	0.05	U	0.04	U	0.02	U	0.02
Endrin ketone	U	0.0012	U	0.0012	U	0.0012	U	0.0012	U	0.0012
alpha-Chlordane	U	0.0077	U	0.0077	U	0.0077	U	0.0077	U	0.0077
gamma-Chlordane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006
Toxaphene	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25
Aroclor-1016	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1221	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1232	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1242	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1248	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1254	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049
Aroclor-1260	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049

SKINNER LANDFILL
Summary of RW Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	RW01		RW03-MS		RW25		RW25-DP		RW35	
Sample Date:	06/05/90		06/05/90		06/05/90		06/05/90		06/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02
Hexachlorocylopentadiene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Hexachlorobutadiene	U	0.0079	U	0.008	U	0.0079	U	0.008	U	0.008
Octachlorocyclopentene	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0059	U	0.006	U	0.0059	U	0.006	U	0.006
Chlordene	U	0.059	U	0.06	U	0.059	U	0.06	U	0.06

Stream/Pond Sediment (SM)

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:	SM01-MS		SM02		SM03		SM04		SM05		SM06		SM07	
Sample Date:	03/07/90		03/07/90		03/07/90		03/08/90		03/08/90		03/08/90		03/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Bromomethane	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Vinyl Chloride	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Chloroethane	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Methylene Chloride		0.012	J	0.005	J	0.004		0.028	J	0.004	J	0.003	U	0.006
Acetone	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Carbon Disulfide	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,1-Dichloroethene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,1-Dichloroethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,2-Dichloroethene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Chloroform	U	0.009	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,2-Dichloroethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
2-Butanone	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
1,1,1-Trichloroethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Carbon Tetrachloride	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Vinyl Acetate	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Bromodichloromethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,2-Dichloropropane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
cis-1,3-Dichloropropene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Trichloroethene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Dibromochloromethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,1,2-Trichloroethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Benzene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
trans-1,3-Dichloropropene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Bromoform	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
4-Methyl-2-Pentanone	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
2-Hexanone	U	0.013	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U	0.012
Tetrachloroethene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
1,1,2,2-Tetrachloroethane	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Toluene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Chlorobenzene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Ethylbenzene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Styrene	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006
Xylene (total)	U	0.007	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U	0.006

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:	SM07-DP		SM08		SM09		SM10-MS		SM11		SM12		SM13	
Sample Date:	03/08/90		03/20/90		03/12/90		03/12/90		03/12/90		03/12/90		03/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Bromomethane	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Vinyl Chloride	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Chloroethane	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Methylene Chloride	J	0.003	U	0.006	U	0.006		0.01	U	0.006	U	0.007	J	0.007
Acetone	U	0.012	J	0.007		0.016	U	0.012	U	0.013		0.036		0.11
Carbon Disulfide	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,1-Dichloroethene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,1-Dichloroethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,2-Dichloroethene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Chloroform	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,2-Dichloroethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
2-Butanone	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
1,1,1-Trichloroethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Carbon Tetrachloride	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Vinyl Acetate	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Bromodichloromethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,2-Dichloropropane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
cis-1,3-Dichloropropene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Trichloroethene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Dibromochloromethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,1,2-Trichloroethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Benzene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
trans-1,3-Dichloropropene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Bromoform	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
4-Methyl-2-Pentanone	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
2-Hexanone	U	0.012	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.015
Tetrachloroethene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
1,1,2,2-Tetrachloroethane	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Toluene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Chlorobenzene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Ethylbenzene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Styrene	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008
Xylene (total)	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.007	U	0.008

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:	SM13-DP		SM14		SM14-FB		SM15		SM16-MS		SM17		SM17-FB	
Sample Date:	03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Bromomethane	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Vinyl Chloride	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Chloroethane	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Methylene Chloride	J	0.006		0.007	J	0.004	U	0.017	U	0.024	U	0.007	U	0.005
Acetone		0.047		0.065	U	0.01	U	0.012	U	0.02	U	0.032	U	0.012
Carbon Disulfide	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,1-Dichloroethene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,1-Dichloroethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,2-Dichloroethene	U	0.006	U	0.006	U	0.005	J	0.004	U	0.01	U	0.007	U	0.005
Chloroform	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,2-Dichloroethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
2-Butanone	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
1,1,1-Trichloroethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Carbon Tetrachloride	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Vinyl Acetate	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Bromodichloromethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,2-Dichloropropane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
cis-1,3-Dichloropropene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Trichloroethene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Dibromochloromethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,1,2-Trichloroethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Benzene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
trans-1,3-Dichloropropene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Bromoform	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
4-Methyl-2-Pentanone	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
2-Hexanone	U	0.012	U	0.013	U	0.01	U	0.012	U	0.02	U	0.014	U	0.01
Tetrachloroethene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
1,1,2,2-Tetrachloroethane	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Toluene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Chlorobenzene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Ethylbenzene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Styrene	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005
Xylene (total)	U	0.006	U	0.006	U	0.005	U	0.006	U	0.01	U	0.007	U	0.005

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:	SM18		SM19		SM20		SM21		SM21-DP		SM22		SM23	
Sample Date:	03/20/90		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		04/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Bromomethane	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Vinyl Chloride	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Chloroethane	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Methylene Chloride		0.044	J	0.007	U	0.007	U	0.007	U	0.007	J	0.006	U	0.011
Acetone		0.023		0.074		0.062		0.023	U	0.014	U	0.015	U	0.016
Carbon Disulfide	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,1-Dichloroethene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,1-Dichloroethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,2-Dichloroethene	U	0.007	U	0.007	U	0.007	U	0.007		0.083	U	0.007	U	0.008
Chloroform	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,2-Dichloroethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
2-Butanone	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
1,1,1-Trichloroethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Carbon Tetrachloride	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Vinyl Acetate	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Bromodichloromethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,2-Dichloropropane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
cis-1,3-Dichloropropene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Trichloroethene	U	0.007	U	0.007	U	0.007	U	0.007		0.02	U	0.007	U	0.008
Dibromochloromethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,1,2-Trichloroethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Benzene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
trans-1,3-Dichloropropene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Bromoform	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
4-Methyl-2-Pentanone	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
2-Hexanone	U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.015	U	0.016
Tetrachloroethene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
1,1,2,2-Tetrachloroethane	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Toluene		0.009	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Chlorobenzene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Ethylbenzene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Styrene	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008
Xylene (total)	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.008

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWBS Sample Id:	SM24		SM25		SM26		SM27		SM28		SM29		SM30-MS	
Sample Date:	04/11/90		04/07/90		04/07/90		03/11/90		03/11/90		03/11/90		04/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Bromomethane	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Vinyl Chloride	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Chloroethane	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Methylene Chloride		0.011	U	0.014	U	0.005		0.011	U	0.007	J	0.008	J	0.01
Acetone	U	0.014	U	0.024	U	0.02	U	0.014	U	0.028	U	0.032	U	0.05
Carbon Disulfide	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,1-Dichloroethene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,1-Dichloroethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,2-Dichloroethene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Chloroform	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,2-Dichloroethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
2-Butanone	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	J	0.005
1,1,1-Trichloroethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Carbon Tetrachloride	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Vinyl Acetate	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Bromodichloromethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,2-Dichloropropane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
cis-1,3-Dichloropropene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Trichloroethene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Dibromochloromethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,1,2-Trichloroethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Benzene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
trans-1,3-Dichloropropene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Bromoform	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
4-Methyl-2-Pentanone	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
2-Hexanone	U	0.014	U	0.013	U	0.01	U	0.013	U	0.015	U	0.018	U	0.027
Tetrachloroethene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
1,1,2,2-Tetrachloroethane	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Toluene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Chlorobenzene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Ethylbenzene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Styrene	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014
Xylene (total)	U	0.007	U	0.007	U	0.005	U	0.007	U	0.007	U	0.009	U	0.014

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:	SM31		SM31-DP		SM32		SM33A		SM33A-FB		SM34-MS		SM35	
Sample Date:	04/07/90		04/07/90		04/07/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Bromomethane	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Vinyl Chloride	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Chloroethane	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Methylene Chloride	U	0.016	U	0.012		0.053	U	10		12	J	7	J	8
Acetone	U	0.04	U	0.056	U	0.05	U	34	U	21	R	30	U	52
Carbon Disulfide	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,1-Dichloroethene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,1-Dichloroethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,2-Dichloroethene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Chloroform	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,2-Dichloroethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
2-Butanone	U	0.032	J	0.011	U	0.043	U	20	U	10	U	19	U	18
1,1,1-Trichloroethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Carbon Tetrachloride	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Vinyl Acetate	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Bromodichloromethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,2-Dichloropropane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
cis-1,3-Dichloropropene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Trichloroethene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Dibromochloromethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,1,2-Trichloroethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Benzene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
trans-1,3-Dichloropropene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Bromoform	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
4-Methyl-2-Pentanone	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
2-Hexanone	U	0.032	U	0.025	U	0.043	U	20	U	10	U	19	U	18
Tetrachloroethene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
1,1,2,2-Tetrachloroethane	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Toluene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Chlorobenzene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Ethylbenzene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Styrene	U	0.016	U	0.012	U	0.022	U	10	U	5	U	9	U	9
Xylene (total)		0.038	J	0.008	J	0.017	U	10	U	5	U	9	U	9

SKINNER LANDFILL
Summary of SM Series Analytical Results
Volatiles
Units in mg/Kg

WWES Sample Id:		SM35-FB
Sample Date:		04/08/90
Compound Name	Qual	Conc
Chloromethane	U	10
Bromomethane	U	10
Vinyl Chloride	U	10
Chloroethane	U	10
Methylene Chloride		9
Acetone	U	33
Carbon Disulfide	U	5
1,1-Dichloroethene	U	5
1,1-Dichloroethane	U	5
1,2-Dichloroethene	U	5
Chloroform	U	5
1,2-Dichloroethane	U	5
2-Butanone	U	10
1,1,1-Trichloroethane	U	5
Carbon Tetrachloride	U	5
Vinyl Acetate	U	10
Bromodichloromethane	U	5
1,2-Dichloropropane	U	5
cis-1,3-Dichloropropene	U	5
Trichloroethene	U	5
Dibromochloromethane	U	5
1,1,2-Trichloroethane	U	5
Benzene	U	5
trans-1,3-Dichloropropene	U	5
Bromoform	U	5
4-Methyl-2-Pentanone	U	10
2-Hexanone	U	10
Tetrachloroethene	U	5
1,1,2,2-Tetrachloroethane	U	5
Toluene	U	5
Chlorobenzene	U	5
Ethylbenzene	U	5
Styrene	U	5
Xylene (total)	U	5

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	SM01-MB		SM03		SM05		SM03-DP		SM03-PB	
Sample Date:	03/07/90		03/08/90		05/07/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
bis(2-Chloroethyl)Ether	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2-Chlorophenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
1,3-Dichlorobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
1,4-Dichlorobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Benzyl Alcohol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
1,2-Dichlorobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2-Methylphenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
bis(2-Chloroisopropyl)Ether	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
4-Methylphenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
N-Nitroso-Di-n-Propylamine	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Hexachloroethane	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Nitrobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Isophorone	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2-Nitrophenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2,4-Dimethylphenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Benzoic Acid	U	2	U	2	U	2	U	2	U	1.6
bis(2-Chloroethoxy)Methane	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2,4-Dichlorophenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
1,2,4-Trichlorobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Naphthalene	U	0.42	J	0.38	U	0.41	U	0.41	U	0.33
4-Chloroaniline	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Hexachlorobutadiene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
4-Chloro-3-Methylphenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2-Methylnaphthalene	U	0.42	J	0.045	U	0.41	U	0.41	U	0.33
Hexachlorocyclopentadiene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2,4,6-Trichlorophenol	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2,4,5-Trichlorophenol	U	2	U	2	U	2	U	2	U	1.6
2-Chloronaphthalene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
2-Nitroaniline	U	2	U	2	U	2	U	2	U	1.6
Dimethyl Phthalate	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Acenaphthylene	J	0.12	J	0.076	U	0.41	U	0.41	U	0.33
2,6-Dinitrotoluene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
3-Nitroaniline	U	2	U	2	U	2	U	2	U	1.6
Acenaphthene	U	0.42	J	0.4	U	0.41	U	0.41	U	0.33
2,4-Dinitrophenol	U	2	U	2	U	2	U	2	U	1.6
4-Nitrophenol	U	2	U	2	U	2	U	2	U	1.6
Dibenzofuran	U	0.42	J	0.28	U	0.41	J	0.049	U	0.33
2,4-Dinitrotoluene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Diethylphthalate	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
4-Chlorophenyl-phenylether	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Fluorene	J	0.13	J	0.39	U	0.41	J	0.064	U	0.33
4-Nitroaniline	U	2	U	2	U	2	U	2	U	1.6
4,6-Dinitro-2-Methylphenol	U	2	U	2	U	2	U	2	U	1.6
N-Nitrosodiphenylamine(1)	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
4-Bromophenyl-phenylether	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Hexachlorobenzene	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Pentachlorophenol	U	2	U	2	U	2	U	2	U	1.6
Phenanthrene		1.5		2.9	J	0.12		0.61	U	0.33
Anthracene	J	0.37		0.58	U	0.41	J	0.13	U	0.33
Di-n-Butylphthalate	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Fluoranthene		3.1		3.3	J	0.2		0.75	U	0.33
Pyrene		2.8		3.2	J	0.21		0.56	U	0.33
Butylbenzylphthalate	U	0.42	U	0.42	U	0.41	U	0.41	J	0.058
3,3'-Dichlorobenzidine	U	0.83	U	0.83	U	0.82	U	0.82	U	0.66
Benzo(a)Anthracene		1.6		1.3	J	0.1	J	0.36	U	0.33
Chrysene		1.9		1.8	J	0.12	J	0.36	U	0.33
bis(2-Ethylhexyl)Phthalate	U	0.42	J	0.043	U	0.41	U	0.41	U	0.33
Di-n-Octyl Phthalate	U	0.42	U	0.42	U	0.41	U	0.41	U	0.33
Benzo(b)Fluoranthene		1.7		1.6	J	0.13	J	0.37	U	0.33
Benzo(k)Fluoranthene		1.2		1.2	J	0.16	J	0.36	U	0.33
Benzo(a)Pyrene		1.4		1.2	J	0.16	J	0.35	U	0.33
Indeno(1,2,3-cd)Pyrene		0.61		0.52	J	0.1	J	0.24	U	0.33
Dibenzo(a,h)Anthracene	J	0.13	J	0.098	U	0.41	J	0.055	U	0.33
Benzo(g,h,i)Perylene		0.51		0.43	J	0.1	J	0.22	U	0.33

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	SM04		SM05		SM06		SM07		SM07-DP	
Sample Date:	03/06/90		03/08/90		03/09/90		03/09/90		03/09/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
bis(2-Chloroethyl)Ether	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2-Chlorophenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
1,3-Dichlorobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
1,4-Dichlorobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Benzyl Alcohol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
1,2-Dichlorobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2-Methylphenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
bis(2-Chloroisopropyl)Ether	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
4-Methylphenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
N-Nitroso-Di-n-Propylamine	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Hexachloroethane	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Nitrobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Isophorone	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2-Nitrophenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4-Dimethylphenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Benzoic Acid	U	2	U	2	U	1.9	U	1.9	U	1.9
bis(2-Chloroethoxy)Methane	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4-Dichlorophenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
1,2,4-Trichlorobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Naphthalene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
4-Chloroaniline	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Hexachlorobutadiene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
4-Chloro-3-Methylphenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2-Methylnaphthalene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Hexachlorocyclopentadiene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4,6-Trichlorophenol	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4,5-Trichlorophenol	U	2	U	2	U	1.9	U	1.9	U	1.9
2-Chloronaphthalene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2-Nitroaniline	U	2	U	2	U	1.9	U	1.9	U	1.9
Dimethyl Phthalate	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Acenaphthylene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,6-Dinitrotoluene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
3-Nitroaniline	U	2	U	2	U	1.9	U	1.9	U	1.9
Acenaphthene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4-Dinitrophenol	U	2	U	2	U	1.9	U	1.9	U	1.9
4-Nitrophenol	U	2	U	2	U	1.9	U	1.9	U	1.9
Dibenzofuran	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
2,4-Dinitrotoluene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Diethylphthalate	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
4-Chlorophenyl-phenylether	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Fluorene	U	0.41	U	0.42	J	0.069	J	0.047	J	0.04
4-Nitroaniline	U	2	U	2	U	1.9	U	1.9	U	1.9
4,6-Dinitro-2-Methylphenol	U	2	U	2	U	1.9	U	1.9	U	1.9
N-Nitrosodiphenylamine(1)	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
4-Bromophenyl-phenylether	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Hexachlorobenzene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Pentachlorophenol	U	2	U	2	U	1.9	U	1.9	U	1.9
Phenanthrene	J	0.21	J	0.12		0.5	J	0.37	J	0.29
Anthracene	J	0.047	U	0.42	J	0.097	J	0.082	J	0.075
Di-n-Butylphthalate	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Fluoranthene		0.44	J	0.2		0.73		0.57		0.49
Pyrene	J	0.38	J	0.18		0.59		0.49		0.46
Butylbenzylphthalate	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
3,3'-Dichlorobenzidine	U	0.8	U	0.83	U	0.79	U	0.77	U	0.77
Benzo(a)Anthracene	J	0.19	J	0.097	J	0.27	J	0.23	J	0.23
Chrysene	J	0.25	J	0.14	J	0.31	J	0.3	J	0.31
bis(2-Ethylhexyl)Phthalate	J	0.064	J	0.092	J	0.075	J	0.077	J	0.051
Di-n-Octyl Phthalate	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Benzo(b)Fluoranthene	J	0.21	J	0.11	J	0.24	J	0.2	J	0.33
Benzo(k)Fluoranthene	J	0.14	J	0.092	J	0.17	J	0.21	J	0.22
Benzo(a)Pyrene	J	0.19	U	0.42	J	0.21	J	0.21	J	0.3
Indeno(1,2,3-cd)Pyrene	J	0.099	U	0.42	J	0.14	J	0.14	J	0.21
Dibenzo(a,h)Anthracene	U	0.41	U	0.42	U	0.4	U	0.39	U	0.39
Benzo(g,h,i)Perylene	J	0.091	J	0.078	J	0.12	J	0.14	J	0.2

SKINNER LANDFILL

Summary of SM Series Analytical Results

Semi-volatiles

Units in mg/Kg

WWHS Sample Id:	SM08		SM09		SM10-MS		SM11		SM12	
Sample Date:	03/11/90		03/11/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
bis(2-Chloroethyl)Ether	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2-Chlorophenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
1,3-Dichlorobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
1,4-Dichlorobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Benzyl Alcohol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
1,2-Dichlorobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2-Methylphenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
bis(2-Chloroisopropyl)Ether	U	0.78	U	0.8	U	0.79	U	0.8	U	0.8
4-Methylphenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
N-Nitroso-Di-n-Propylamine	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Hexachloroethane	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Nitrobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Isophorone	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2-Nitrophenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,4-Dimethylphenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Benzoic Acid	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
bis(2-Chloroethoxy)Methane	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,4-Dichlorophenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
1,2,4-Trichlorobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Naphthalene	U	0.78	U	0.8	J	0.022	U	0.8	U	0.81
4-Chloroaniline	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Hexachlorobutadiene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
4-Chloro-3-Methylphenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2-Methylnaphthalene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Hexachlorocyclopentadiene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,4,6-Trichlorophenol	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,4,5-Trichlorophenol	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
2-Chloronaphthalene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2-Nitroaniline	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
Dimethyl Phthalate	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Acenaphthylene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,6-Dinitrotoluene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
3-Nitroaniline	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
Acenaphthene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
2,4-Dinitrophenol	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
4-Nitrophenol	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
Dibenzofuran	U	0.78	U	0.8	U	0.79	J	0.042	U	0.8
2,4-Dinitrotoluene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Diethylphthalate	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
4-Chlorophenyl-phenylether	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Fluorene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
4-Nitroaniline	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
4,6-Dinitro-2-Methylphenol	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
N-Nitrosodiphenylamine(1)	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
4-Bromophenyl-phenylether	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Hexachlorobenzene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Pentachlorophenol	U	3.8	U	3.9	U	3.8	U	3.9	U	3.9
Phenanthrene	J	0.15	U	0.8	J	0.12	U	0.8	U	0.81
Anthracene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Di-n-Butylphthalate	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Fluoranthene	J	0.21	J	0.11	J	0.2	J	0.5	J	0.2
Pyrene	J	0.2	U	0.8	U	0.79	J	0.4	J	0.2
Butylbenzylphthalate	J	0.11	J	0.091	J	0.12	U	0.8	U	0.81
3,3'-Dichlorobenzidine	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
Benzo(a)Anthracene	J	0.1	U	0.8	U	0.79	J	0.21	U	0.81
Chrysene	J	0.11	U	0.8	U	0.79	U	0.8	U	0.81
bis(2-Ethylhexyl)Phthalate	J	0.18	U	0.8	U	0.1	U	0.8	U	0.81
Di-n-Octyl Phthalate	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Benzo(b)Fluoranthene	U	0.78	J	0.11	J	0.067	J	0.8	U	0.81
Benzo(k)Fluoranthene	U	0.78	U	0.8	J	0.067	U	0.8	U	0.81
Benzo(a)Pyrene	U	0.78	U	0.8	J	0.069	J	0.18	U	0.81
Indeno(1,2,3-cd)Pyrene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Dibenzo(a,h)Anthracene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81
Benzo(g,h,i)Perylene	U	0.78	U	0.8	U	0.79	U	0.8	U	0.81

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	SM13		SM13-DP		SM14		SM14-PB		SM15	
Sample Date:	03/21/90		03/21/90		03/21/90		03/21/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
bis(2-Chloroethyl)Ether	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2-Chlorophenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
1,3-Dichlorobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
1,4-Dichlorobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Benzyl Alcohol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
1,2-Dichlorobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2-Methylphenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
bis(2-Chloroisopropyl)Ether	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Methylphenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
N-Nitroso-Di-n-Propylamine	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Hexachloroethane	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Nitrobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Isophorone	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2-Nitrophenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4-Dimethylphenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Benzoic Acid	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
bis(2-Chloroethoxy)Methane	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4-Dichlorophenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
1,2,4-Trichlorobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Naphthalene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Chloroaniline	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Hexachlorobutadiene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Chloro-3-Methylphenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2-Methylnaphthalene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Hexachlorocyclopentadiene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4,6-Trichlorophenol	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4,5-Trichlorophenol	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
2-Chloronaphthalene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2-Nitroaniline	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
Dimethyl Phthalate	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Acenaphthylene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,6-Dinitrotoluene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
3-Nitroaniline	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
Acenaphthene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4-Dinitrophenol	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
4-Nitrophenol	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
Dibenzofuran	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
2,4-Dinitrotoluene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Diethylphthalate	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Chlorophenyl-phenylether	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Fluorene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Nitroaniline	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
4,6-Dinitro-2-Methylphenol	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
N-Nitrosodiphenylamine(1)	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
4-Bromophenyl-phenylether	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Hexachlorobenzene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Pentachlorophenol	U	4.1	U	4.1	U	4.2	U	3.2	U	4.1
Phenanthrene	U	0.84	J	0.1	J	0.13	U	0.66	U	0.84
Anthracene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Di-n-Butylphthalate	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Fluoranthene	U	0.84	J	0.12	J	0.18	U	0.66	J	0.18
Pyrene	U	0.84	J	0.13	J	0.19	U	0.66	J	0.21
Butylbenzylphthalate	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
3,3'-Dichlorobenzidine	U	1.7	U	1.7	U	1.7	U	1.3	U	1.7
Benzo(a)Anthracene	U	0.84	U	0.84	U	0.86	U	0.66	J	0.093
Chrysene	U	0.84	U	0.84	J	0.089	U	0.66	J	0.1
bis(2-Ethylhexyl)Phthalate	U	0.84	U	0.84	U	0.86	U	0.66	J	0.23
Di-n-Octyl Phthalate	J	0.15	U	0.84	U	0.86	U	0.66	U	0.84
Benzo(b)Fluoranthene	U	0.84	U	0.84	J	0.11	U	0.66	J	0.13
Benzo(k)Fluoranthene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Benzo(a)Pyrene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Indeno(1,2,3-cd)Pyrene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Dibenzo(a,h)Anthracene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84
Benzo(g,h,i)Perylene	U	0.84	U	0.84	U	0.86	U	0.66	U	0.84

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWHS Sample Id:	SM16-MS		SM17		SM17-DE		SM18		SM19	
Sample Date:	03/21/90		03/21/90		03/21/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
bis(2-Chloroethyl)Ether	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2-Chlorophenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
1,3-Dichlorobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
1,4-Dichlorobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Benzyl Alcohol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
1,2-Dichlorobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2-Methylphenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
bis(2-Chloroisopropyl)Ether	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
4-Methylphenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
N-Nitroso-Di-n-Propylamine	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Hexachloroethane	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Nitrobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Isophorone	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2-Nitrophenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,4-Dimethylphenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Benzoic Acid	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
bis(2-Chloroethoxy)Methane	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,4-Dichlorophenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
1,2,4-Trichlorobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Naphthalene	J	0.18	U	0.9	U	0.66	U	0.98	U	0.96
4-Chloroaniline	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Hexachlorobutadiene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
4-Chloro-3-Methylphenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2-Methylnaphthalene	J	0.16	J	0.12	U	0.66	U	0.98	U	0.96
Hexachlorocyclopentadiene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,4,6-Trichlorophenol	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,4,5-Trichlorophenol	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
2-Chloronaphthalene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2-Nitroaniline	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
Dimethyl Phthalate	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Acenaphthylene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,6-Dinitrotoluene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
3-Nitroaniline	U	5.2	U	4.2	U	3.2	U	4.8	U	4.6
Acenaphthene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
2,4-Dinitrophenol	U	5.2	U	4.4	U	3.2	U	4.6	U	4.6
4-Nitrophenol	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
Dibenzofuran	J	0.15	U	0.9	U	0.66	U	0.98	U	0.96
2,4-Dinitrotoluene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Diethylphthalate	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
4-Chlorophenyl-phenylether	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Fluorene	J	0.22	U	0.9	U	0.66	U	0.98	U	0.96
4-Nitroaniline	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
4,6-Dinitro-2-Methylphenol	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
N-Nitrosodiphenylamine(1)	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
4-Bromophenyl-phenylether	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Hexachlorobenzene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Pentachlorophenol	U	5.2	U	4.4	U	3.2	U	4.8	U	4.6
Phenanthrene		2	J	0.16	U	0.66	U	0.98	U	0.96
Anthracene	J	0.51	U	0.9	U	0.66	U	0.98	U	0.96
Di-n-Butylphthalate	U	1.1	U	0.9	U	0.66	U	0.98	J	0.071
Fluoranthene		1.9	J	0.13	U	0.66	U	0.98	U	0.96
Pyrene		1.9	J	0.14	U	0.66	U	0.98	U	0.96
Butylbenzylphthalate	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
3,3'-Dichlorobenzidine	U	2.1	U	1.8	U	1.3	U	2	U	1.9
Benzo(a)Anthracene	J	0.83	U	0.9	U	0.66	U	0.98	U	0.96
Chrysene	J	0.88	U	0.9	U	0.66	U	0.98	U	0.96
bis(2-Ethylhexyl)Phthalate	J	0.57	U	0.9	U	0.66	U	0.98	U	0.96
Di-n-Octyl Phthalate	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Benzo(b)Fluoranthene		1.1	J	0.11	U	0.66	U	0.98	U	0.96
Benzo(k)Fluoranthene	J	0.16	U	0.9	U	0.66	U	0.98	U	0.96
Benzo(a)Pyrene	J	0.74	U	0.9	U	0.66	U	0.98	U	0.96
Indeno(1,2,3-cd)Pyrene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Dibenzo(a,h)Anthracene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96
Benzo(g,h,i)Perylene	U	1.1	U	0.9	U	0.66	U	0.98	U	0.96

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	SM20		SM21		SM21-DP		SM22		SM23	
Sample Date:	03/26/90		03/26/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
bis(2-Chloroethyl)Ether	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2-Chlorophenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
1,3-Dichlorobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
1,4-Dichlorobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Benzyl Alcohol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
1,2-Dichlorobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2-Methylphenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
bis(2-Chloroisopropyl)Ether	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
4-Methylphenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
N-Nitroso-Di-n-Propylamine	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Hexachloroethane	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Nitrobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Isophorone	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2-Nitrophenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2,4-Dimethylphenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Benzoic Acid	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
bis(2-Chloroethoxy)Methane	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2,4-Dichlorophenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
1,2,4-Trichlorobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Naphthalene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
4-Chloroaniline	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Hexachlorobutadiene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
4-Chloro-3-Methylphenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2-Methylnaphthalene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Hexachlorocyclopentadiene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2,4,6-Trichlorophenol	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2,4,5-Trichlorophenol	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
2-Chloronaphthalene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2-Nitroaniline	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
Dimethyl Phthalate	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Acenaphthylene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
2,6-Dinitrotoluene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
3-Nitroaniline	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
Acenaphthene	U	0.88	J	0.14	U	0.99	U	0.94	U	0.93
2,4-Dinitrophenol	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
4-Nitrophenol	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
Dibenzofuran	U	0.88	J	0.13	U	0.99	U	0.94	U	0.93
2,4-Dinitrotoluene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Diethylphthalate	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
4-Chlorophenyl-phenylether	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Fluorene	U	0.88	J	0.22	U	0.99	U	0.94	U	0.93
4-Nitroaniline	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
4,6-Dinitro-2-Methylphenol	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
N-Nitrosodiphenylamine(1)	U	0.88	U	0.91	U	0.98	U	0.94	U	0.93
4-Bromophenyl-phenylether	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Hexachlorobenzene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Pentachlorophenol	U	4.3	U	4.4	U	4.8	U	4.6	U	4.5
Phenanthrene	U	0.88		1.8	J	0.51	U	0.94	U	0.93
Anthracene	U	0.88	J	0.31	U	0.99	U	0.94	U	0.93
Di-n-Butylphthalate	J	0.073	U	0.91	J	0.091	J	0.079	J	0.16
Fluoranthene	J	0.19		2.5		1	U	0.94	U	0.93
Pyrene	J	0.12		1.5	J	0.73	U	0.94	J	0.09
Butylbenzylphthalate	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
3,3'-Dichlorobenzidine	U	1.8	U	1.8	U	2	U	1.9	U	1.9
Benzo(a)Anthracene	U	0.88	J	0.68	J	0.32	U	0.93	U	0.93
Chrysene	J	0.067	J	0.69	J	0.4	U	0.94	U	0.93
bis(2-Ethylhexyl)Phthalate	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Di-n-Octyl Phthalate	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Benzo(b)Fluoranthene	U	0.88	J	0.51	J	0.42	U	0.94	U	0.93
Benzo(k)Fluoranthene	U	0.88	J	0.51	J	0.26	U	0.94	U	0.93
Benzo(a)Pyrene	U	0.88	J	0.33	U	0.99	U	0.94	U	0.93
Indeno(1,2,3-cd)Pyrene	U	0.88	J	0.26	U	0.99	U	0.94	U	0.93
Dibenzo(a,h)Anthracene	U	0.88	U	0.91	U	0.99	U	0.94	U	0.93
Benzo(g,h,i)Perylene	U	0.88	J	0.19	J	0.21	U	0.94	U	0.93

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWHS Sample Id:	SM24		SM25		SM26		SM27		SM28	
Sample Date:	03/28/90		04/04/90		04/04/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
bis(2-Chloroethyl)Ether	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2-Chlorophenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
1,3-Dichlorobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
1,4-Dichlorobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Benzyl Alcohol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
1,2-Dichlorobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2-Methylphenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
bis(2-Chloroisopropyl)Ether	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Methylphenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
N-Nitroso-Di-n-Propylamine	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Hexachloroethane	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Nitrobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Isophorone	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2-Nitrophenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4-Dimethylphenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Benzoic Acid	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
bis(2-Chloroethoxy)Methane	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4-Dichlorophenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
1,2,4-Trichlorobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Naphthalene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Chloroaniline	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Hexachlorobutadiene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Chloro-3-Methylphenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2-Methylnaphthalene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Hexachlorocyclopentadiene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4,6-Trichlorophenol	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4,5-Trichlorophenol	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
2-Chloronaphthalene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2-Nitroaniline	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
Dimethyl Phthalate	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Acenaphthylene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,6-Dinitrotoluene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
3-Nitroaniline	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
Acenaphthene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4-Dinitrophenol	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
4-Nitrophenol	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
Dibenzofuran	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
2,4-Dinitrotoluene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Diethylphthalate	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Chlorophenyl-phenylether	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Fluorene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Nitroaniline	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
4,6-Dinitro-2-Methylphenol	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
N-Nitrosodiphenylamine(1)	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
4-Bromophenyl-phenylether	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Hexachlorobenzene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Pentachlorophenol	U	4.4	U	3.9	U	3.6	U	5.1	U	4.8
Phenanthrene	U	0.92	U	0.81	J	0.3	U	1.1	U	0.99
Anthracene	U	0.92	U	0.81	J	0.12	U	1.1	U	0.99
Di-n-Butylphthalate	J	0.085	U	0.81	U	0.75	U	1.1	U	0.99
Fluoranthene	J	0.11	J	0.09		1	U	1.1	U	0.99
Pyrene	J	0.11	U	0.81	J	0.73	U	1.1	U	0.99
Butylbenzylphthalate	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
3,3'-Dichlorobenzidine	U	1.8	U	1.6	U	1.5	U	2.1	U	2
Benzo(a)Anthracene	U	0.92	U	0.81	J	0.46	U	1.1	U	0.99
Chrysene	J	0.056	U	0.81	J	0.43	U	1.1	U	0.99
bis(2-Ethylhexyl)Phthalate	U	0.92	U	0.81	U	0.87	J	0.08	U	0.99
Di-n-Octyl Phthalate	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99
Benzo(b)Fluoranthene	U	0.92	U	0.81	J	0.37	U	1.1	U	0.99
Benzo(k)Fluoranthene	U	0.92	U	0.81	J	0.35	U	1.1	U	0.99
Benzo(a)Pyrene	U	0.92	U	0.81	J	0.28	U	1.1	U	0.99
Indeno(1,2,3-cd)Pyrene	U	0.92	U	0.81	J	0.19	U	1.1	U	0.99
Dibenzo(a,h)Anthracene	U	0.92	U	0.81	J	0.068	U	1.1	U	0.99
Benzo(g,h,i)Perylene	U	0.92	U	0.81	U	0.75	U	1.1	U	0.99

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWRS Sample Id:	SM28		SM30-MS		SM31		SM31		SM31-DP	
Sample Date:	03/11/90		04/04/90		04/04/90		04/04/90		04/04/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
bis(2-Chloroethyl)Ether	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2-Chlorophenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
1,3-Dichlorobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
1,4-Dichlorobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Benzyl Alcohol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
1,2-Dichlorobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2-Methylphenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
bis(2-Chloroisopropyl)Ether	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
4-Methylphenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
N-Nitroso-Di-n-Propylamine	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Hexachloroethane	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Nitrobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Isophorone	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2-Nitrophenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4-Dimethylphenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Benzoic Acid	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
bis(2-Chloroethoxy)Methane	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4-Dichlorophenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
1,2,4-Trichlorobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Naphthalene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
4-Chloroaniline	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Hexachlorobutadiene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
4-Chloro-3-Methylphenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2-Methylnaphthalene	U	0.92	U	1.1	J	0.18	J	0.22	J	0.35
Hexachlorocyclopentadiene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4,6-Trichlorophenol	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4,5-Trichlorophenol	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
2-Chloronaphthalene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2-Nitroaniline	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
Dimethyl Phthalate	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Acenaphthylene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,6-Dinitrotoluene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
3-Nitroaniline	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
Acenaphthene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4-Dinitrophenol	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
4-Nitrophenol	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
Dibenzofuran	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
2,4-Dinitrotoluene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Diethylphthalate	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
4-Chlorophenyl-phenylether	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Fluorene	U	0.92	U	1.1	U	1.4	U	1.4	J	0.1
4-Nitroaniline	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
4,6-Dinitro-2-Methylphenol	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
N-Nitrosodiphenylamine(1)	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
4-Bromophenyl-phenylether	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Hexachlorobenzene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Pentachlorophenol	U	4.4	U	5.3	U	6.9	U	6.9	U	5.6
Phenanthrene	U	0.92	J	0.12	J	0.21	J	0.22	J	0.44
Anthracene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Di-n-Butylphthalate	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Fluoranthene	U	0.92	J	0.12	U	1.4	U	1.4	J	0.13
Pyrene	U	0.92	J	0.21	J	0.21	J	0.18	J	0.26
Butylbenzylphthalate	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
3,3'-Dichlorobenzidine	U	1.8	U	2.2	U	2.8	U	2.8	U	1.1
Benzo(a)Anthracene	U	0.92	U	1.1	U	1.4	U	1.4	J	0.1
Chrysene	U	0.92	U	1.1	U	1.4	U	1.4	J	0.11
bis(2-Ethylhexyl)Phthalate	U	0.92	U	1.7	U	2.2	U	1.7	U	1.6
Di-n-Octyl Phthalate	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Benzo(b)Fluoranthene	U	0.92	J	0.16	U	1.4	U	1.4	U	1.1
Benzo(k)Fluoranthene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Benzo(a)Pyrene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Indeno(1,2,3-cd)Pyrene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Dibenzo(a,h)Anthracene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1
Benzo(g,h,i)Perylene	U	0.92	U	1.1	U	1.4	U	1.4	U	1.1

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWTS Sample ID:	SM01-SB		SM02		SM03A		SM03A-FB		SM03A-FB	
Sample Date:	04/04/90		04/04/90		04/10/90		04/05/90		04/10/90	
Compound Name:	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
bis(2-Chloroethyl)Ether	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2-Chlorophenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
1,3-Dichlorobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
1,4-Dichlorobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzyl Alcohol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
1,2-Dichlorobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2-Methylphenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
bis(2-Chloroisopropyl)Ether	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
4-Methylphenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
N-Nitroso-Di-n-Propylamine	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Hexachloroethane	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Nitrobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Isophorone	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2-Nitrophenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,4-Dimethylphenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzoic Acid	U	5.6	U	6.9	U	2	U	1.9	U	3.9
bis(2-Chloroethoxy)Methane	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,4-Dichlorophenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
1,2,4-Trichlorobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Naphthalene	U	1.1	J	0.14	U	0.42	U	0.4	U	0.8
4-Chloroaniline	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Hexachlorobutadiene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
4-Chloro-3-Methylphenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2-Methylnaphthalene	J	0.31	J	0.49	U	0.42	U	0.4	U	0.8
Hexachlorocyclopentadiene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,4,6-Trichlorophenol	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,4,5-Trichlorophenol	U	5.6	U	6.9	U	2	U	1.9	U	3.9
2-Chloronaphthalene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2-Nitroaniline	U	5.6	U	6.9	U	2	U	1.9	U	3.9
Dimethyl Phthalate	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Acenaphthylene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,6-Dinitrotoluene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
3-Nitroaniline	U	5.6	U	6.9	U	2	U	1.9	U	3.9
Acenaphthene	J	0.16	J	0.13	U	0.42	U	0.4	U	0.8
2,4-Dinitrophenol	U	5.6	U	6.9	U	2	U	1.9	U	3.9
4-Nitrophenol	U	5.6	U	6.9	U	2	U	1.9	U	3.9
Dibenzofuran	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
2,4-Dinitrotoluene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Diethylphthalate	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
4-Chlorophenyl-phenylether	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Fluorene	J	0.13	J	0.14	U	0.42	U	0.4	U	0.8
4-Nitroaniline	U	5.6	U	6.9	U	2	U	1.9	U	3.9
4,6-Dinitro-2-Methylphenol	U	5.6	U	6.9	U	2	U	1.9	U	3.9
N-Nitrosodiphenylamine(1)	U	1.1	U	1.4	U	0.42	U	0.4	J	0.11
4-Bromophenyl-phenylether	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Hexachlorobenzene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Pentachlorophenol	U	5.6	U	6.9	U	2	U	1.9	U	3.9
Phenanthrene	J	0.37	J	0.59	U	0.42	U	0.4	U	0.8
Anthracene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Di-n-Butylphthalate	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Fluoranthene	J	0.14	J	0.13	U	0.42	U	0.4	U	0.8
Pyrene	J	0.25	J	0.42	U	0.42	U	0.4	U	0.8
Butylbenzylphthalate	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
3,3'-Dichlorobenzidine	U	2.3	U	2.8	U	0.84	U	0.8	U	1.6
Benzo(a)Anthracene	J	0.099	U	1.4	U	0.42	U	0.4	U	0.8
Chrysene	J	0.14	U	1.4	U	0.42	U	0.4	U	0.8
bis(2-Ethylhexyl)Phthalate	U	2.2	U	2.1	U	0.42	U	0.4	U	0.8
Di-n-Octyl Phthalate	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzo(b)Fluoranthene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzo(k)Fluoranthene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzo(a)Pyrene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Indeno(1,2,3-cd)Pyrene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Dibenzo(a,h)Anthracene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8
Benzo(g,h,i)Perylene	U	1.1	U	1.4	U	0.42	U	0.4	U	0.8

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWIS Sample Id:	SM33A-RE		SM34-MS		SM34-MSDE		SM35		SM33-PB	
Sample Date:	04/10/90		04/10/90		04/10/90		04/09/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
bis(2-Chloroethyl)Ether	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2-Chlorophenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
1,3-Dichlorobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
1,4-Dichlorobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzyl Alcohol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
1,2-Dichlorobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2-Methylphenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
bis(2-Chloroisopropyl)Ether	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
4-Methylphenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
N-Nitroso-Di-n-Propylamine	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Hexachloroethane	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Nitrobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Isophorone	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2-Nitrophenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4-Dimethylphenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzoic Acid	U	2.1	U	1.9	U	2	U	1.9	U	2
bis(2-Chloroethoxy)Methane	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4-Dichlorophenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
1,2,4-Trichlorobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Naphthalene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
4-Chloroaniline	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Hexachlorobutadiene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
4-Chloro-3-Methylphenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2-Methylnaphthalene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Hexachlorocyclopentadiene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4,6-Trichlorophenol	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4,5-Trichlorophenol	U	2.1	U	1.9	U	2	U	1.9	U	2
2-Chloronaphthalene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2-Nitroaniline	U	2.1	U	1.9	U	2	U	1.9	U	2
Dimethyl Phthalate	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Acenaphthylene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,6-Dinitrotoluene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
3-Nitroaniline	U	2.1	U	1.9	U	2	U	1.9	U	2
Acenaphthene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4-Dinitrophenol	U	2.1	U	1.9	U	2	U	1.9	U	2
4-Nitrophenol	U	2.1	U	1.9	U	2	U	1.9	U	2
Dibenzofuran	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
2,4-Dinitrotoluene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Diethylphthalate	U	0.42	U	0.4	U	0.4	U	0.39	J	0.1
4-Chlorophenyl-phenylether	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Fluorene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
4-Nitroaniline	U	2.1	U	1.9	U	2	U	1.9	U	2
4,6-Dinitro-2-Methylphenol	U	2.1	U	1.9	U	2	U	1.9	U	2
N-Nitrosodiphenylamine(1)	J	0.055	U	0.4	U	0.4	U	0.39	U	0.42
4-Bromophenyl-phenylether	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Hexachlorobenzene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Pentachlorophenol	U	2.1	U	1.9	U	2	U	1.9	U	2
Phenanthrene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Anthracene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Di-n-Butylphthalate	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Fluoranthene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Pyrene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Butylbenzylphthalate	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
3,3'-Dichlorobenzidine	U	0.85	U	0.8	U	0.81	U	0.79	U	0.84
Benzo(a)Anthracene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Chrysene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
bis(2-Ethylhexyl)Phthalate	J	0.26	U	0.4	U	0.4	U	0.39	U	0.42
Di-n-Octyl Phthalate	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzo(b)Fluoranthene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzo(k)Fluoranthene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzo(a)Pyrene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Indeno(1,2,3-cd)Pyrene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Dibenzo(a,h)Anthracene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42
Benzo(g,h,i)Perylene	U	0.42	U	0.4	U	0.4	U	0.39	U	0.42

SKINNER LANDFILL
Summary of SM Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	SM35-FERE		SM35-RE	
Sample Date:	04/10/90		04/09/90	
Compound Name	Qual	Conc	Qual	Conc
Phenol	U	0.42	U	0.39
bis(2-Chloroethyl)Ether	U	0.42	U	0.39
2-Chlorophenol	U	0.42	U	0.39
1,3-Dichlorobenzene	U	0.42	U	0.39
1,4-Dichlorobenzene	U	0.42	U	0.39
Benzyl Alcohol	U	0.42	U	0.39
1,2-Dichlorobenzene	U	0.42	U	0.39
2-Methylphenol	U	0.42	U	0.39
bis(2-Chloroisopropyl)Ether	U	0.42	U	0.39
4-Methylphenol	U	0.42	U	0.39
N-Nitroso-Di-n-Propylamine	U	0.42	U	0.39
Hexachloroethane	U	0.42	U	0.39
Nitrobenzene	U	0.42	U	0.39
Isophorone	U	0.42	U	0.39
2-Nitrophenol	U	0.42	U	0.39
2,4-Dimethylphenol	U	0.42	U	0.39
Benzoic Acid	U	2	U	1.9
bis(2-Chloroethoxy)Methane	U	0.42	U	0.39
2,4-Dichlorophenol	U	0.42	U	0.39
1,2,4-Trichlorobenzene	U	0.42	U	0.39
Naphthalene	U	0.42	U	0.39
4-Chloroaniline	U	0.42	U	0.39
Hexachlorobutadiene	U	0.42	U	0.39
4-Chloro-3-Methylphenol	U	0.42	U	0.39
2-Methylnaphthalene	U	0.42	U	0.39
Hexachlorocyclopentadiene	U	0.42	U	0.39
2,4,6-Trichlorophenol	U	0.42	U	0.39
2,4,5-Trichlorophenol	U	2	U	1.9
2-Chloronaphthalene	U	0.42	U	0.39
2-Nitroaniline	U	2	U	1.9
Dimethyl Phthalate	U	0.42	U	0.39
Acenaphthylene	U	0.42	U	0.39
2,6-Dinitrotoluene	U	0.42	U	0.39
3-Nitroaniline	U	2	U	1.9
Acenaphthene	U	0.42	U	0.39
2,4-Dinitrophenol	U	2	U	1.9
4-Nitrophenol	U	2	U	1.9
Dibenzofuran	U	0.42	U	0.39
2,4-Dinitrotoluene	U	0.42	U	0.39
Diethylphthalate	J	0.091	U	0.39
4-Chlorophenyl-phenylether	U	0.42	U	0.39
Fluorene	U	0.42	U	0.39
4-Nitroaniline	U	2	U	1.9
4,6-Dinitro-2-Methylphenol	U	2	U	1.9
N-Nitrosodiphenylamine(1)	U	0.42	U	0.39
4-Bromophenyl-phenylether	U	0.42	U	0.39
Hexachlorobenzene	U	0.42	U	0.39
Pentachlorophenol	U	2	U	1.9
Phenanthrene	U	0.42	U	0.39
Anthracene	U	0.42	U	0.39
Di-n-Butylphthalate	U	0.42	U	0.39
Fluoranthene	U	0.42	U	0.39
Pyrene	U	0.42	U	0.39
Butylbenzylphthalate	U	0.42	U	0.39
3,3'-Dichlorobenzidine	U	0.84	U	0.79
Benzo(a)Anthracene	U	0.42	U	0.39
Chrysene	U	0.42	U	0.39
bis(2-Ethylhexyl)Phthalate	U	0.42	U	0.39
Di-n-Octyl Phthalate	U	0.42	U	0.39
Benzo(b)Fluoranthene	U	0.42	U	0.39
Benzo(k)Fluoranthene	U	0.42	U	0.39
Benzo(a)Pyrene	U	0.42	U	0.39
Indeno(1,2,3-cd)Pyrene	U	0.42	U	0.39
Dibenzo(a,h)Anthracene	U	0.42	U	0.39
Benzo(g,h,i)Perylene	U	0.42	U	0.39

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM01-MS		SM03		SM03		SM03-DP		SM03-FB		SM04		SM05	
Sample Date:	03/07/90		03/08/90		05/07/90		05/07/90		05/07/90		03/08/90		03/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
beta-BHC	U	0.01	U	0.01	U	0.01	J	0.028	U	0.008	U	0.0097	U	0.01
delta-BHC	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
gamma-BHC (Lindane)	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
Heptachlor	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
Aldrin	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
Heptachlor epoxide	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
Endosulfan I	U	0.01	U	0.01	U	0.01	U	0.04	U	0.008	U	0.0097	U	0.01
Dieldrin	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
4,4'-DDE	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
Endrin	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
Endosulfan II	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
4,4'-DDD	U	0.02	J	0.0038	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
Endosulfan sulfate	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
4,4'-DDT	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
Methoxychlor	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Endrin ketone	U	0.02	U	0.02	U	0.02	U	0.079	U	0.016	U	0.019	U	0.02
alpha-Chlordane	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
gamma-Chlordane	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Toxaphene	U	0.2	U	0.2	U	0.2	U	0.79	U	0.16	U	0.19	U	0.2
Aroclor-1016	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Aroclor-1221	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Aroclor-1232	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Aroclor-1242	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Aroclor-1248	U	0.1	U	0.1	U	0.1	U	0.4	U	0.08	U	0.097	U	0.1
Aroclor-1254	U	0.2	U	0.2	U	0.2	U	0.79	U	0.16	U	0.19	U	0.2
Aroclor-1260	U	0.2	U	0.2	U	0.2	U	0.79	U	0.16	U	0.19	U	0.2

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM06		SM07		SM07-DP		SM08		SM09		SM10-MS		SM11	
Sample Date:	03/09/90		03/09/90		03/09/90		03/11/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
beta-BHC	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
delta-BHC	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
gamma-BHC (Lindane)	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
Heptachlor	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
Aldrin	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
Heptachlor epoxide	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
Endosulfan I	U	0.0096	U	0.0093	U	0.0093	U	0.19	U	0.019	U	0.19	U	0.19
Dieldrin	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
4,4'-DDE	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
Endrin	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
Endosulfan II	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
4,4'-DDD	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
Endosulfan sulfate	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
4,4'-DDT	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
Methoxychlor	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Endrin ketone	U	0.019	U	0.019	U	0.019	U	0.38	U	0.039	U	0.38	U	0.39
alpha-Chlordane	U	0.096	J	0.0042	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
gamma-Chlordane	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Toxaphene	U	0.19	U	0.19	U	0.19	U	3.8	U	0.39	U	3.8	U	3.9
Aroclor-1016	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Aroclor-1221	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Aroclor-1232	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Aroclor-1242	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Aroclor-1248	U	0.096	U	0.093	U	0.093	U	1.9	U	0.19	U	1.9	U	1.9
Aroclor-1254	U	0.19	U	0.19	J	0.16	U	3.8	U	0.39	U	3.8	U	3.9
Aroclor-1260	U	0.19	U	0.19	U	0.19	U	3.8	U	0.39	U	3.8	U	3.9

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM12		SM13		SM13-DP		SM14		SM14-FB		SM15		SM16-MS	
Sample Date:	03/11/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
beta-BHC	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
delta-BHC	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
gamma-BHC (Lindane)	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
Heptachlor	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
Aldrin	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
Heptachlor epoxide	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
Endosulfan I	U	0.2	U	0.02	U	0.02	U	0.021	U	0.016	U	0.02	U	0.026
Dieldrin	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
4,4'-DDE	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
Endrin	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
Endosulfan II	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
4,4'-DDD	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
Endosulfan sulfate	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
4,4'-DDT	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
Methoxychlor	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Endrin ketone	U	0.39	U	0.041	U	0.041	U	0.042	U	0.032	U	0.041	U	0.052
alpha-Chlordane	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
gamma-Chlordane	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Toxaphene	U	3.9	U	0.41	U	0.41	U	0.42	U	0.32	U	0.41	U	0.52
Aroclor-1016	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Aroclor-1221	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Aroclor-1232	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Aroclor-1242	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Aroclor-1248	U	2	U	0.2	U	0.2	U	0.21	U	0.16	U	0.2	U	0.26
Aroclor-1254	U	3.9	U	0.41	U	0.41	U	0.42	U	0.32	U	0.41	U	0.52
Aroclor-1260	U	3.9	U	0.41	U	0.41	U	0.42	U	0.32	U	0.41	U	0.52

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM17		SM17-FB		SM18		SM19		SM20		SM21		SM21-DP	
Sample Date:	03/21/90		03/21/90		03/26/90		03/26/90		03/26/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
beta-BHC	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
delta-BHC	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
gamma-BHC (Lindane)	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
Heptachlor	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
Aldrin	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
Heptachlor epoxide	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
Endosulfan I	U	0.022	U	0.016	U	0.024	U	0.023	U	0.021	U	0.022	U	0.024
Dieldrin	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
4,4'-DDE	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
Endrin	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
Endosulfan II	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
4,4'-DDD	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
Endosulfan sulfate	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
4,4'-DDT	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
Methoxychlor	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Endrin ketone	U	0.044	U	0.032	U	0.048	U	0.046	U	0.043	U	0.044	U	0.048
alpha-Chlordane	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
gamma-Chlordane	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Toxaphene	U	0.44	U	0.32	U	0.48	U	0.46	U	0.43	U	0.44	U	0.48
Aroclor-1016	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Aroclor-1221	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Aroclor-1232	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Aroclor-1242	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Aroclor-1248	U	0.22	U	0.16	U	0.24	U	0.23	U	0.21	U	0.22	U	0.24
Aroclor-1254	U	0.44	U	0.32	U	0.48	U	0.46	U	0.43	U	0.44	U	0.48
Aroclor-1260	U	0.44	U	0.32	U	0.48	U	0.46	U	0.43	U	0.44	U	0.48

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM22		SM23		SM24		SM25		SM26		SM27		SM28	
Sample Date:	03/26/90		03/26/90		03/26/90		04/04/90		04/04/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
beta-BHC	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
delta-BHC	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
gamma-BHC (Lindane)	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
Heptachlor	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
Aldrin	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
Heptachlor epoxide	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
Endosulfan I	U	0.023	U	0.023	U	0.022	U	0.02	U	0.018	U	0.026	U	0.024
Dieldrin	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
4,4'-DDE	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
Endrin	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
Endosulfan II	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
4,4'-DDD	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
Endosulfan sulfate	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
4,4'-DDT	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
Methoxychlor	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Endrin ketone	U	0.046	U	0.045	U	0.044	U	0.039	U	0.036	U	0.051	U	0.048
alpha-Chlordane	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
gamma-Chlordane	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Toxaphene	U	0.46	U	0.45	U	0.44	U	0.39	U	0.36	U	0.51	U	0.48
Aroclor-1016	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Aroclor-1221	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Aroclor-1232	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Aroclor-1242	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Aroclor-1248	U	0.23	U	0.23	U	0.22	U	0.2	U	0.18	U	0.26	U	0.24
Aroclor-1254	U	0.46	U	0.45	U	0.44	U	0.39	U	0.36	U	0.51	U	0.48
Aroclor-1260	U	0.46	U	0.45	U	0.44	U	0.39	U	0.36	U	0.51	U	0.48

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM29		SM30-MS		SM31		SM31-DP		SM32		SM33A		SM33A-FB	
Sample Date:	03/11/90		04/04/90		04/04/90		04/04/90		04/04/90		04/10/90		04/09/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
beta-BHC	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
delta-BHC	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
gamma-BHC (Lindane)	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
Heptachlor	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
Aldrin	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
Heptachlor epoxide	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
Endosulfan I	U	0.022	U	0.026	U	0.034	U	0.028	U	0.034	U	0.01	U	0.0096
Dieldrin	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
4,4'-DDE	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
Endrin	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
Endosulfan II	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
4,4'-DDD	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
Endosulfan sulfate	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
4,4'-DDT	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
Methoxychlor	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Endrin ketone	U	0.044	U	0.053	U	0.069	U	0.056	U	0.069	U	0.02	U	0.019
alpha-Chlordane	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
gamma-Chlordane	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Toxaphene	U	0.44	U	0.53	U	0.69	U	0.56	U	0.69	U	0.2	U	0.19
Aroclor-1016	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Aroclor-1221	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Aroclor-1232	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Aroclor-1242	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Aroclor-1248	U	0.22	U	0.26	U	0.34	U	0.28	U	0.34	U	0.1	U	0.096
Aroclor-1254	U	0.44	J	0.21	J	0.29	J	0.2	J	0.25	U	0.2	U	0.19
Aroclor-1260	U	0.44	J	0.29	J	0.43	J	0.25	J	0.31	U	0.2	U	0.19

SKINNER LANDFILL
Summary of SM Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	SM34-MS		SM35		SM35-FB	
Sample Date:	04/10/90		04/09/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.0094	U	0.0093	U	0.0099
beta-BHC	U	0.0094	U	0.0093	U	0.0099
delta-BHC	U	0.0094	U	0.0093	U	0.0099
gamma-BHC (Lindane)	U	0.0094	U	0.0093	U	0.0099
Heptachlor	U	0.0094	U	0.0093	U	0.0099
Aldrin	U	0.0094	U	0.0093	U	0.0099
Heptachlor epoxide	U	0.0094	U	0.0093	U	0.0099
Endosulfan I	U	0.0094	U	0.0093	U	0.0099
Dieldrin	U	0.019	U	0.019	U	0.02
4,4'-DDE	U	0.019	U	0.019	U	0.02
Endrin	U	0.019	U	0.019	U	0.02
Endosulfan II	U	0.019	U	0.019	U	0.019
4,4'-DDD	U	0.019	U	0.019	U	0.02
Endosulfan sulfate	U	0.019	U	0.019	U	0.02
4,4'-DDT	U	0.019	U	0.019	U	0.02
Methoxychlor	U	0.094	U	0.093	U	0.099
Endrin ketone	U	0.019	U	0.019	U	0.02
alpha-Chlordane	U	0.094	U	0.093	U	0.099
gamma-Chlordane	U	0.094	U	0.093	U	0.099
Toxaphene	U	0.19	U	0.19	U	0.2
Aroclor-1016	U	0.094	U	0.093	U	0.099
Aroclor-1221	U	0.094	U	0.093	U	0.099
Aroclor-1232	U	0.094	U	0.093	U	0.099
Aroclor-1242	U	0.094	U	0.093	U	0.099
Aroclor-1248	U	0.094	U	0.093	U	0.099
Aroclor-1254	U	0.19	U	0.19	U	0.2
Aroclor-1260	U	0.19	U	0.19	U	0.2

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM01-MS		SM02		SM03		SM04		SM05		SM06		SM07	
Sample Date:	03/07/90		03/07/90		03/07/90		03/10/90		03/10/90		03/10/90		03/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	10900	P	4270	P	9360	P	6530	P	7960	P	2990	P	8640
Antimony	UNP	7.5	UNP	7.2	UNP	7.6	UNP	7.1	UNP	7.3	UNP	7	UNP	6.9
Arsenic	N*F	4.9	N*F	3090	NS*	8	NS*F	4.1	NS*F	5.1	N*F	5.9	N*F	4.7
Barium	P	74.7	BP	43.1	P	268	BP	48.5	P	82.5	P	50.6	P	186
Beryllium	BP	0.51	UP	0.25	BP	0.66	BP	0.28	BP	0.28	BP	0.34	BP	0.54
Cadmium	UP	0.77	UP	0.74	UP	0.78	UP	0.73	UP	0.75	UP	0.73	UP	0.72
Calcium	P	116000	P	16100	P	101000	P	149000	P	98500	P	211000	P	107000
Chromium	P	12	P	5.2	P	13.2	P	9.5	P	9.5	P	4.6	P	10.2
Cobalt	BP	6.4	UP	3.5	P	20.9	BP	6.6	BP	6.2	UP	3.4	UP	3.3
Copper	P	12.8	P	7	P	10.3	P	10.4	P	8.5	BP	4.7	P	11
Iron	P	15500	P	9250	P	22300	P	13900	P	13500	P	10100	P	14300
Lead	*F	18	*F	12.1	*F	26	*F	11.6	*F	17.7	*F	11.4	*F	18
Magnesium	*P	16800	*P	38000	*P	11200	*P	18200	*P	16700	*P	21900	*P	18600
Manganese	*P	845	*P	781	*P	3520	*P	753	*P	707	*P	675	*P	692
Mercury	CV	0.13	CV	0.12	CV	0.13	CV	0.12	CV	0.13	CV	0.12	CV	0.12
Nickel	P	14.1	P	18.6	P	21.9	P	14	P	14.4	P	10.3	P	11.7
Potassium	P	2200	BP	932	P	1790	P	1330	P	1900	BP	730	P	2190
Selenium	UNWF	0.77	UNWF	0.74	NF	15.8	BNF	10.8	UNWF	0.75	UNWF	0.73	BNF	9.7
Silver	UP	1	UP	0.99	BP	1.4	UP	0.98	UP	1	UP	0.97	UP	0.95
Sodium	BP	251	BP	226	BP	198	BP	207	BP	230	BP	166	BP	246
Thallium	BNF	0.32	UNWF	0.25	BNF	0.38	UNF	0.24	UNF	0.25	UNF	0.24	UNF	0.24
Vanadium	P	19.4	BP	9.3	P	23.5	P	15.4	P	14.7	BP	8.2	P	16
Zinc	P	53.2	P	37	P	67.6	P	38.8	P	55	P	172	P	46.7
Cyanide	UC	1.3	UC	1.2	UC	1.3	UC	1.2	UC	1.3	UC	1.2	UC	1.2

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM07-DP		SM08		SM09		SM10-MS		SM11		SM12		SM13	
Sample Date:	03/10/90		03/12/90		03/12/90		03/12/90		03/11/90		03/11/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	9190	P	7870	P	8790	P	7370	P	6770	P	9790	P	10500
Antimony	BNP	8.9	UP	3.4	UP	3.6	UP	3.5	BP	4.4	BP	3.9	UP	4.5
Arsenic	NS*F	7.	F	4.4	F	10.6	F	5.9	F	7.1	F	6.1	SF	2.7
Barium	P	86	P	58	P	78.6	P	53	BP	48.3	P	76.2	P	75
Beryllium	BP	0.74	BP	0.63	BP	0.38	UP	0.25	BP	0.6	BP	0.6	BP	0.63
Cadmium	UP	0.78	UP	0.48	UP	0.52	UP	0.49	UP	0.49	UP	0.53	P	4.6
Calcium	P	121000	P	142000	P	156000	P	123000	P	120000	P	109000	P	80700
Chromium	P	11.2	P	9.9	P	11	P	9.6	P	9.3	P	12.2	P	11.6
Cobalt	BP	6.6	BP	5.5	BP	7.4	BP	5.6	BP	5.7	BP	8.7	BP	8.8
Copper	P	8.5	P	19.8	P	17.6	P	9	P	10.5	P	12.3	P	15.5
Iron	P	17100	*P	13200	*P	15500	*P	11600	*P	12900	*P	14300	P	16600
Lead	*F	18	NF	25.8	NSF	16.8	NF	10	NF	14.9	NSF	18.3	S*F	10.5
Magnesium	*P	22900	P	27300	P	24700	P	24500	P	23100	P	19400	P	14300
Manganese	*P	862	P	791	P	941	P	668	P	631	P	853	P	805
Mercury	CV	0.13	UCV	0.12	UCV	0.09	UCV	0.13	UCV	0.11	UCV	0.11	UCV	0.1
Nickel	P	15	BP	8.9	P	11.7	BP	9.7	BP	9.7	P	11.1	P	16
Potassium	P	1740	P	1910	P	2230	P	2010	P	1720	P	2500	P	2330
Selenium	UNWF	0.78	UF	0.24	UF	0.25	UF	0.24	UWF	0.24	UWF	0.25	UNF	2.7
Silver	UP	1	UP	0.72	UP	0.78	UP	0.74	UP	0.74	UP	0.8	UP	1.6
Sodium	BP	259	BP	408	BP	398	BP	387	BP	365	BP	356	BP	437
Thallium	UNF	0.26	BF	0.27	BF	0.47	UF	0.24	UF	0.24	UF	0.25	UF	0.27
Vanadium	UP	16.3	P	16.5	P	20.9	P	17.1	P	16.8	P	21.8	P	20.3
Zinc	P	48.4	*P	33.7	*P	34.3	*P	28	*P	26.1	*P	30.2	P	49.1
Cyanide	UC	1.3	UC	0.67	UC	0.66	UC	0.65	UC	0.69	UC	0.77	UNAS	2.4

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM13-DP		SM14		SM14-FB		SM15		SM16-MS		SM17		SM17-FB	
Sample Date:	03/21/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	6210	P	7810	P	56.2	P	4870	P	9350	P	8590	P	42.8
Antimony	UP	4	UP	4	UP	3.1	UP	3.5	UP	5.2	UP	4.9	UP	3.2
Arsenic	F	8.3	F	6.5	UF	0.4	F	9.1	F	7	F	6.7	UF	0.36
Barium	P	65.5	P	62.2	BP	3	P	74.2	P	86.8	BP	56.5	UP	0.57
Beryllium	BP	0.42	BP	0.71	UP	0.19	P	1.1	BP	0.54	BP	0.6	UP	0.19
Cadmium	P	2.6	P	1.9	UP	0.37	P	2.3	BP	1.3	BP	0.84	UP	0.38
Calcium	P	137000	P	99500	BP	549	P	163000	P	21700	P	34000	BP	293
Chromium	P	7.9	P	10.3	UP	1.7	P	12.4	P	12	P	10.1	UP	1.7
Cobalt	BP	5.6	BP	8.2	UP	1.3	BP	10	BP	8.6	BP	6.2	UP	1.3
Copper	P	11.6	P	13	BP	3.3	P	12.7	P	17.8	P	17.7	BP	3
Iron	P	12100	P	13800	P	36.4	P	18600	P	17800	P	16700	P	60.5
Lead	*F	10.9	*F	13.3	U *F	0.4	*F	11.3	*F	44.1	*F	15.9	U *F	0.36
Magnesium	P	18000	P	15500	UP	7.4	P	29700	P	4330	P	9810	BP	24.3
Manganese	P	848	P	813	BP	0.47	P	1200	P	1740	P	704	BP	1.5
Mercury	UCV	0.09	UCV	0.08	UCV	0.08	UCV	0.1	UCV	0.12	UCV	0.09	UCV	0.07
Nickel	P	10.6	P	13.1	UP	1.5	P	14.2	P	15.6	P	12.9	BP	1.6
Potassium	P	1450	P	1720	UP	31.9	P	1300	BP	1450	BP	1360	UP	32.5
Selenium	UWNF	2.8	UWNF	0.48	UNF	0.4	UWNF	0.43	UWNF	0.66	UWNF	0.49	UWNF	0.36
Silver	UP	1.4	UP	1.4	UP	1.1	UP	1.2	UP	1.8	UP	1.7	UP	1.1
Sodium	BP	375	BP	362	BP	93.5	BP	362	BP	307	BP	241	BP	81.2
Thallium	BF	0.36	BF	0.29	UF	0.2	UWF	0.21	BWF	0.59	BF	0.34	UF	0.18
Vanadium	P	12.8	P	15.7	UP	0.74	P	35.5	P	19.9	P	21.2	UP	0.75
Zinc	P	32	P	37.8	P	4.1	P	42.5	P	114	P	46.1	BP	2.9
Cyanide	UNAS	1.7	UNAS	1.9	UNAS	3.4	UNAS	2.3	UNAS	0.91	UNAS	1.6	UNAS	1.8

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM18		SM19		SM20		SM21		SM21-DP		SM22		SM23	
Sample Date:	03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	13600	P	14100	P	9850	P	11500	P	12200	P	11800	P	15900
Antimony	UNRP	6.4	UNRP	6.4	UNRP	6	UNRP	6	UNRP	6.5	UNRP	6.7	UNRP	6.9
Arsenic	NF	6.5	NF	6.8	SNF	8.2	SNF	9.7	SNF	6.9	SNF	8.3	+NF	9
Barium	P	189	P	108	P	135	P	144	P	87.8	P	95	P	129
Beryllium	BP	0.41	BP	0.39	BP	0.43	BP	0.48	BP	0.35	BP	0.31	BP	0.47
Cadmium	BP	0.96	BP	0.97	UP	0.27	BP	0.32	UP	0.29	UP	0.3	BP	0.31
Calcium	P	16400	P	9240	P	86200	P	71600	P	61400	P	73300	P	47900
Chromium	P	19.4	P	18.4	P	14.2	P	13.9	P	16.1	P	15.5	P	20
Cobalt	P	22.6	P	16.2	BP	13.2	P	14.5	BP	9.8	BP	12.6	P	17.7
Copper	P	18.8	P	17.5	P	13.4	P	13.6	P	17.4	P	16.1	P	18.2
Iron	P	27800	P	25100	P	19600	P	22300	P	18700	P	19600	P	25700
Lead	NF	23.6	NF	27.3	NF	42.1	NF	34.8	NF	39.1	NF	46.7	NF	139
Magnesium	P	4440	P	2980	P	18700	P	7460	P	7730	P	6760	P	5260
Manganese	P	3250	P	1300	P	1820	P	2290	P	1140	P	1490	P	1870
Mercury	UCV	0.15	UCV	0.15	UCV	0.14	UCV	0.14	UCV	0.15	UCV	0.15	UCV	0.16
Nickel	P	22.4	P	20.4	P	17.2	P	18	P	17.9	P	17.7	P	23.2
Potassium	P	1740	P	1720	P	1910	P	2170	P	2470	P	2330	P	2840
Selenium	UF	1.2	UF	1.2	UWF	1.1	UWF	1.1	UF	1.2	UWF	1.2	UF	1.3
Silver	UP	0.58	UP	0.58	UP	0.55	UP	0.55	UP	0.59	UP	0.61	UP	0.63
Sodium	BP	124	BP	119	BP	284	BP	265	BP	295	BP	269	BP	299
Thallium	UWF	0.58	UWF	0.58	UF	0.55	UF	0.55	UF	0.59	UF	0.61	UF	0.63
Vanadium	P	31.6	P	29.5	P	27.3	P	26.9	P	25	P	25	P	32.3
Zinc	*P	56.2	*P	59.4	*P	50.7	*P	57.8	*P	73.8	*P	64.8	*P	71.4
Cyanide	UNAS	0.73	UNAS	0.73	UNAS	0.68	UNAS	0.68	UNAS	0.74	UNAS	0.76	UNAS	0.78

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM24		SM25		SM26		SM27		SM28		SM29		SM30-MS	
Sample Date:	03/26/90		04/02/90		04/02/90		03/11/90		03/11/90		03/11/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	9400	P	9020	P	9040	P	24500	P	24900	P	18600	P	14500
Antimony	UNRP	6.1	UNP	6.9	UNP	6.6	UP	4.8	UP	4.1	UP	4	UNP	10.3
Arsenic	SNF	9.6	SNF	9.3	SNF	7.2	F	9	F	9.2	F	6.6	BNF	2.4
Barium	P	110	P	156	P	69.9	P	136	P	148	P	209	BP	48.2
Beryllium	BP	0.44	BP	0.81	BP	0.7	BP	0.9	BP	0.64	BP	0.7	BP	0.85
Cadmium	UP	0.28	UP	0.99	UP	0.95	UP	0.68	UP	0.59	UP	0.56	UP	1.5
Calcium	P	84000	P	107000	P	89300	P	7180	P	4750	P	2540	P	70000
Chromium	P	11.1	P	16.3	P	16.8	P	28.6	P	29.7	P	21.3	P	23.6
Cobalt	P	14.1	BP	13.4	BP	7.5	BP	15.7	P	18.1	P	18.7	BP	8.3
Copper	P	15.1	P	15	P	13.5	P	29.3	P	25.4	P	21.1	P	15.5
Iron	P	20100	P	24000	P	19900	*P	26400	*P	26900	*P	22800	P	26600
Lead	NF	39.7	F	29.9	F	30.2	NF	37.7	NF	31.5	NF	25.1	F	196
Magnesium	P	5920	P	6340	P	6920	P	3580	P	3550	P	2810	P	10500
Manganese	P	1770	NP	2370	NP	1230	P	922	P	1520	P	2830	NP	502
Mercury	UCV	0.14	UCV	0.15	UCV	0.16	UCV	0.14	UCV	0.16	UCV	0.11	UCV	0.22
Nickel	P	17.3	P	50.5	P	25.1	P	23.5	P	24	P	19.9	BP	14.4
Potassium	P	1770	BP	1500	P	1620	P	3010	P	3160	P	2030	P	3200
Selenium	UF	1.1	UF	0.66	UF	0.63	UF	0.31	BF	0.39	BF	0.34	UF	0.98
Silver	UP	0.56	UP	0.66	UP	0.63	UP	1	UP	0.88	UP	0.85	UP	0.98
Sodium	BP	299	BP	328	BP	320	BP	243	BP	222	BP	168	BP	209
Thallium	UF	0.56	UF	0.66	UF	0.63	BWF	0.44	BF	0.61	BF	0.42	UF	0.98
Vanadium	P	21.6	P	22.7	P	20.5	P	50.9	P	54.6	P	38.7	BP	22.3
Zinc	*P	70.8	P	79.3	P	74	*P	89.2	*P	78	*P	68.1	P	80.7
Cyanide	UNAS	0.69	UNC	1.7	UNC	1.6	UC	0.85	UC	0.8	UC	0.77	UNC	2.5

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	SM31		SM31-DP		SM32		SM33A		SM33A-FB		SM34-MS		SM35	
Sample Date:	04/02/90		04/02/90		04/02/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	15000	P	15300	P	13400	*P	32300	*P	79.7	*P	42700	*P	37100
Antimony	UNP	10.2	UNP	13	UNP	12.2	UNRP	10	UNRP	5.6	UNRP	8.8	UNRP	8.4
Arsenic	BWNF	2.7	BWNF	2.9	BWNF	2.2	F	5.9	UF	0.4	F	5.3	F	4.2
Barium	BP	60.7	BP	52.4	BP	49.2	P	86.3	UP	3.4	P	137	P	120
Beryllium	BP	0.88	BP	0.92	BP	0.77	BP	1.7	UP	0.4	P	2.3	P	1.6
Cadmium	UP	1.5	UP	1.9	UP	1.7	UP	1.1	UP	0.6	UP	0.94	UP	0.9
Calcium	P	87500	P	86700	P	70000	P	41900	BP	146	P	45400	P	48400
Chromium	P	25.7	P	26.8	P	17.8	P	37.8	BP	1.3	P	46.4	P	39.2
Cobalt	BP	9.4	BP	9	BP	6.4	P	21.6	UP	1.2	P	21.5	P	19.4
Copper	P	18.7	P	15.8	P	16.9	P	21.6	UP	0.6	P	22.7	P	18.6
Iron	P	33400	P	29800	P	25300	P	39000	P	163	P	38700	P	34900
Lead	SF	401	SF	335	F	272	F	13.9	BF	0.25	F	13.8	F	10.4
Magnesium	P	13100	P	12400	P	10300	P	15300	UP	86	P	16200	P	13600
Manganese	NP	638	NP	558	NP	470	P	636	BP	0.74	P	633	P	564
Mercury	UCV	0.21	UCV	0.28	UCV	0.25	UCV	0.18	UCV	0.1	UCV	0.16	UCV	0.15
Nickel	P	25.4	BP	22	BP	21.1	P	39.3	UP	3	P	34.8	P	34.1
Potassium	P	3090	P	3560	P	3360	*P	10600	U*P	122	*P	16000	*P	14000
Selenium	UF	0.98	UF	1.2	UF	1.2	UNWF	0.36	UNWF	0.2	UNWF	3.1	BNWF	0.37
Silver	UP	0.98	UP	1.2	UP	1.2	UNP	0.71	UNP	0.4	UNP	0.63	UNP	0.6
Sodium	BP	241	BP	208	BP	213	BP	261	UP	72	BP	445	BP	396
Thallium	UF	0.98	UF	1.2	UF	1.2	UF	1.1	UF	0.6	UWF	0.94	UF	0.9
Vanadium	BP	23.1	BP	24.5	BP	21.7	P	56.1	UP	1	P	73.3	P	63.1
Zinc	P	125	P	104	P	97.1	P	91.7	UP	0.6	P	88.6	P	72.3
Cyanide	UNC	2.5	UNC	3.2	UNC	3	UNAS	1.8	UNAS	1	UNAS	1.6	UNAS	1.5

SKINNER LANDFILL
Summary of SM Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:		SM35-FB
Sample Date:		04/08/90
Compound Name	Qual	Conc
Aluminum	*P	91.2
Antimony	UNRP	5.6
Arsenic	UF	0.4
Barium	UP	3.4
Beryllium	UP	0.4
Cadmium	UP	0.6
Calcium	UP	80
Chromium	BP	1.4
Cobalt	UP	1.2
Copper	UP	0.6
Iron	P	55.8
Lead	BF	0.42
Magnesium	UP	86
Manganese	BP	0.22
Mercury	UCV	0.1
Nickel	UP	3
Potassium	U*P	122
Selenium	BNF	0.37
Silver	UNP	0.4
Sodium	UP	72
Thallium	UF	0.6
Vanadium	UP	1
Zinc	UP	0.6
Cyanide	UNAS	1

SKINNER LANDFILL
Summary of SM Series Analytical Results
TOC
Units in mg/Kg

WWES Sample Id	Sample Date	Qual	Conc
SM01-MS	03/07/90		48800
SM02	03/07/90		36600
SM03	03/07/90		40900
SM04	03/07/90		36700
SM05	03/09/90		41900
SM06	03/09/90		42700
SM07	03/09/90		39700
SM07-DP	03/09/90		40600
SM08	04/24/90		36200
SM09	04/24/90		32200
SM10-MS	04/24/90		26700
SM11	04/24/90		39900
SM12	04/24/90		27700
SM13	04/24/90		29400
SM13-DP	04/24/90		22000
SM14	04/24/90		19400
SM14-FB	04/11/90	U	1000
SM15	03/20/90		30300
SM16-MS	03/20/90		48100
SM17	03/20/90		56600
SM17-FB	03/20/90		1000
SM18	03/20/90		28700
SM19	03/25/90		38000
SM20	03/25/90		38900
SM21	03/25/90		36600
SM21-DP	03/25/90		28900
SM22	03/25/90		28100
SM23	04/11/90		34200
SM24	04/11/90		36100
SM25	04/07/90		31800
SM26	04/07/90		33000
SM27	04/24/90		34700
SM28	04/24/90		27800
SM29	04/24/90		14100
SM30-MS	04/07/90		41000
SM31	04/07/90		43200
SM31-DP	04/07/90		45600
SM32	04/07/90		46500
SM33A	04/08/90		11100
SM33A-FB	04/08/90	U	100
SM34-MS	04/08/90		11800
SM35	04/08/90		9000
SM35-FB	04/08/90	U	100

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWBS Sample Id:	SM01-MS		SM02		SM03		SM04		SM05		SM06		SM07	
Sample Date:	03/07/90		03/07/90		03/07/90		03/07/90		03/09/90		03/09/90		03/09/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	*	0.0051		0.0029		0.0041		0.0036		0.015		0.0053		0.016
Hexachlorocylopentadiene	U	0.043	U	0.039	U	0.039	U	0.039	U	0.041	U	0.038	U	0.043
Hexachlorobutadiene	U	0.0012	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U	0.0012
Octachlorocyclopentene	U	0.011	U	0.01	U	0.01	U	0.01	U	0.011	U	0.01	U	0.011
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00099	U	0.00089	U	0.00089	U	0.0009	U	0.00094	U	0.00088	U	0.00099
Chlordene	U	0.0013	U	0.0012	U	0.0012		0.0014		0.0014	U	0.0012	U	0.0013

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	SM07-DP		SM08		SM09		SM10-MS		SM11		SM12		SM13	
Sample Date:	03/09/90		03/05/90		03/05/90		03/05/90		03/05/90		03/05/90		03/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.0049		0.003	U	0.00046		0.00087		0.00092	U	0.00049	U	0.00052
Hexachlorocylopentadiene	U	0.038	U	0.037	U	0.036	U	0.037	U	0.038	U	0.039	U	0.041
Hexachlorobutadiene	U	0.001		0.0019	U	0.00097	U	0.001	U	0.001	U	0.001		0.12
Octachlorocyclopentene		0.012	U	0.0097	U	0.0095	U	0.0097	U	0.0099	U	0.01	1	0.014
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00087	U	0.0012	U	0.00083	U	0.00085	U	0.00087	U	0.0009	1	0.026
Chlordene	U	0.0012		0.0034		0.0013	U	0.0012		0.0033	U	0.0012	1	0.006

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	SM13-DP		SM14		SM14-FB		SM15		SM16-MS		SM17		SM17-FB	
Sample Date:	03/19/90		03/19/90		03/19/90		03/25/90		03/21/90		03/23/90		03/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.00071		0.0045		0.0004		0.0007	U	0.00067	U	0.00056	U	0.00039
Hexachlorocylopentadiene	*	0.069	*	0.044	U	0.031	U	0.043	U	0.053	U	0.045	U	0.031
Hexachlorobutadiene	*	0.0032	*	0.0018	U	0.00082	U	0.0011	U	0.0014	U	0.0012	U	0.00082
Octachlorocyclopentene	U	0.0099		0.0015	U	0.008	U	0.011	U	0.014	U	0.012	U	0.008
1,2,3,4,5,7,7-Heptachloronorborene		0.0018		0.0013	U	0.0007	U	0.00098	U	0.0012	U	0.001	U	0.0007
Chlordene		0.0034	U	0.0013	U	0.00096	U	0.0013	U	0.0017	U	0.0014	U	0.00096

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	SM18		SM19		SM20		SM21		SM21-DP		SM22		SM23	
Sample Date:	03/22/90		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.00059	U	0.00054		0.003		0.0011		0.003	U	0.00058	U	0.00055
Hexachlorocylopentadiene	U	0.046	U	0.043	*	0.067	*	0.052	*	0.058	U	0.046	U	0.044
Hexachlorobutadiene	U	0.002		0.0025	*	0.006	*	0.0044	*	0.0053		0.0032		0.027
Octachlorocyclopentene	U	0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.012	U	0.0012
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0011	U	0.00099	U	0.0011		0.029	1	0.021	U	0.0011	U	0.001
Chlordene	U	0.0015	U	0.0014		0.0049		0.0023	U	0.0013	U	0.0014		0.0026

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	SM24		SM25		SM26		SM27		SM28		SM29		SM30-MS	
Sample Date:	03/26/90		04/02/90		04/02/90		03/05/90		03/05/90		03/05/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.0014	U	0.00055	U	0.00056		0.00086		0.0032		0.00092		0.0072
Hexachlorocylopentadiene	U	0.043	U	0.044	U	0.044	U	0.047	U	0.048	U	0.042	U	0.07
Hexachlorobutadiene		0.0021	U	0.0012		0.0067	U	0.0013	U	0.0013	U	0.0011	U	0.0019
Octachlorocyclopentene	U	0.011	U	0.012	U	0.012			U	0.012	U	0.011	U	0.0018
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00098		0.0012		0.0014		0.0025	U	0.0011		0.0017	U	0.0016
Chlordene		0.0013	U	0.0014	U	0.0014	U	0.0015	U	0.0015		0.00161	U	0.0022

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	SM31		SM31-DP		SM32		SM33A		SM33A-FB		SM34-MS		SM35	
Sample Date:	04/02/90		04/02/90		04/02/90		04/10/90		04/10/90		04/10/90		04/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.00089	U	0.001		0.0049	U	0.00074	U	0.0004	U	0.00062	U	0.00058
Hexachlorocylopentadiene	U	0.071	U	0.08	U	0.1	U	0.059	U	0.032	U	0.049	U	0.046
Hexachlorobutadiene		0.0023		0.0034	U	0.0027	U	0.0016	U	0.00085	U	0.0013	U	0.0012
Octachlorocyclopentene	U	0.019	U	0.021	U	0.026	U	0.015	U	0.0083	U	0.013	U	0.012
1,2,3,4,5,7,7-Heptachloronorborene		0.0037		0.0027	U	0.0023	U	0.0013	U	0.00072		0.0017	U	0.0011
Chlordene	U	0.0022	U	0.0025	U	0.0031	U	0.0018	U	0.00099	U	0.0015	U	0.0014

SKINNER LANDFILL
Summary of SM Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:		SM35-FB
Sample Date:		04/10/90
Compound Name	Qual	Conc
Hexachlorobenzene	U	0.00039
Hexachlorocylopentadiene	U	0.031
Hexachlorobutadiene	U	0.00083
Octachlorocyclopentene	U	0.0081
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00071
Chlordene	U	0.00097

Stream/Pond Water (SF)

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF01-AB		SF01-MS		SF01-TB		SF02		SF02-AB		SF02-TB		SF03	
Sample Date:	03/07/90		03/07/90		03/07/90		03/07/90		03/07/90		03/07/90		03/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5		12	J	2		5		6	U	5
Acetone	U	10	U	10		65	U	10	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	J	1	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	J	0.9	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF04		SF05		SF06		SF07		SF07-AB		SF07-DP		SF07-TB	
Sample Date:	03/05/90		03/05/90		03/08/90		03/08/90		03/08/90		03/08/90		03/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	J	2	J	4		6	J	4		7	J	2		7
Acetone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5		14	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5		47	J	2	J	1	J	1		12
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	J	3	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF08		SF08-AB		SF08-TB		SF09		SF10-MS		SF11		SF11-AB	
Sample Date:	03/12/90		03/20/90		03/12/90		03/12/90		03/12/90		03/12/90		03/12/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Acetone	U	10	U	10		10	U	10	J	7	U	10		16
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF11-TB		SF12		SF13		SF13-DP		SF14		SF14-AB		SF14-FB	
Sample Date:	03/12/90		03/12/90		03/20/90		03/20/90		03/12/90		03/20/90		03/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	8	U	5	U	5	U	5		11
Acetone	J	8	U	10	U	10	U	10	J	9		13		20
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5		6
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	J	8	U	10
1,1,1-Trichloroethane	J	3	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5		9
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF14-TB		SF15		SF15-AB		SF15-TB		SF16-AB		SF16-MS		SF16-MS	
Sample Date:	03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Methylene Chloride	U	5	U	5		8		10		9	U	5	U	14
Acetone	U	10	U	10	U	10	U	10	U	10	U	10	U	24
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	7
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Chloroform	U	5	U	5	J	4		6		5	U	5	U	7
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	13
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	7
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	13
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	13
Tetrachloroethene	U	5	U	5	J	4		9	U	5	U	5	U	7
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	7
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	7

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF16-TB		SF17		SF17-AB		SF17-FB		SF17-TB		SF18		SF18-AB	
Sample Date:	03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/20/90		03/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride		13	U	5		10		9		10	J	3	R	8
Acetone		25	U	10	U	10	U	10	U	10		14	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform		6	U	5	J	4		6		6	U	5	J	3
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene		9	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF18-TB		SF19		SF20		SF20-AB		SF20-TB		SF21		SF21-DP	
Sample Date:	03/25/90		03/20/90		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	R	7	J	4	R	3	R	9	R	9	U	5	R	4
Acetone	U	10		24	U	10	U	10	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	J	4	U	5	U	5	J	4	J	4	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF22		SF22-AB		SF22-TB		SF23		SF24		SF25		SF25-AB	
Sample Date:	03/25/90		03/27/90		03/25/90		03/25/90		03/27/90		03/27/90		03/27/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5		5	R	7	U	5	U	5	U	5	U	5
Acetone	U	10	U	13	U	10	U	10	U	11	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	J	3	J	3	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF25-TB		SF26		SF27		SF27-AB		SF27-TB		SF28		SF29	
Sample Date:	03/27/90		03/27/90		03/11/90		03/11/90		03/11/90		03/11/90		03/11/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Acetone	U	10	U	10	U	12	U	15	U	12	U	13	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF30-AB		SF30-MS		SF30-TB		SF31		SF31-AB		SF31-DP		SF31-TB	
Sample Date:	03/27/90		03/27/90		03/27/90		04/04/90		04/04/90		04/04/90		04/04/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	5		5	U	5	U	3
Acetone	U	10	U	14	U	10	U	10		35	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF32		SF32-AB		SF32-TB		SF33A		SF33A-AB		SF33A-FB		SF33A-TB	
Sample Date:	03/27/90		03/27/90		03/27/90		04/04/90		04/08/90		04/04/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	U	5	U	5	U	5	R	5	R	7	R	5
Acetone	U	10	U	10	U	10	U	10	U	18	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5		14	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWES Sample Id:	SF33B		SF34A-AB		SF34A-MS		SF34A-TB		SF34B		SF35A		SF35A-AB	
Sample Date:	04/04/90		04/08/90		04/08/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	U	5	R	5	R	5	R	15	R	5	R	8	R	5
Acetone	U	10	U	10	U	10	U	19	U	10	U	16		13
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chloroform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Volatiles
Units in ug/L

WWBS Sample Id:	SF35A-TB		SF35B		SF35B-FB		SF36		SF37	
Sample Date:	04/08/90		04/08/90		04/08/90		03/27/90		03/27/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	10	U	10	U	10
Bromomethane	U	10	U	10	U	10	U	10	U	10
Vinyl Chloride	U	10	U	10	U	10	U	10	U	10
Chloroethane	U	10	U	10	U	10	U	10	U	10
Methylene Chloride	R	9	R	5	R	8	U	5	U	5
Acetone	U	10	U	10	U	10	U	10	U	10
Carbon Disulfide	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethene	U	5	U	5	U	5	U	5	U	5
1,1-Dichloroethane	U	5	U	5	U	5	U	5	U	5
1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5
Chloroform		14	U	5		14	U	5	U	5
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5
2-Butanone	U	10	U	10	U	10	U	10	U	10
1,1,1-Trichloroethane	U	5	U	5	U	5	U	5	U	5
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5
Vinyl Acetate	U	10	U	10	U	10	U	10	U	10
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5
Trichloroethene	U	5	U	5	U	5	U	5	U	5
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5
Benzene	U	5	U	5	U	5	U	5	U	5
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5
Bromoform	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U	10
2-Hexanone	U	10	U	10	U	10	U	10	U	10
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5
Toluene	U	5	U	5	U	5	U	5	U	5
Chlorobenzene	U	5	U	5	U	5	U	5	U	5
Ethylbenzene	U	5	U	5	U	5	U	5	U	5
Styrene	U	5	U	5	U	5	U	5	U	5
Xylene (total)	U	5	U	5	U	5	U	5	U	5

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	SF01-MB		SF02		SF03		SF04		SF05	
Sample Date:	03/07/90		03/08/90		03/08/90		03/08/90		03/08/90	
Compound Name:	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	J	4	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	J	10	U	10	U	10	U	10	J	2
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	J	3	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWHS Sample Id:	SF06		SF07		SF07-DP		SF08		SF09	
Sample Date:	03/09/90		03/09/90		03/09/90		03/12/90		03/12/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	J	3	U	10	J	3	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWW Sample Id:	SP10-MS		SP11		SP12		SP13		SP13-DP	
Sample Date:	03/12/99		03/12/99		03/12/99		04/25/99		04/25/99	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	J	1	J	1	J	3		13	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	J	3	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	SF14		SF14-FB		SF15		SF16-MS		SF17	
Sample Date:	04/25/90		04/25/90		04/25/90		04/25/90		04/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	J	3	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	J	1
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10		10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWTP Sample ID:	SF17-FB		SF18		SF19		SF20		SF21	
Sample Date:	04/25/90		03/25/90		03/25/90		03/25/90		03/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	J	5	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWW Sample ID:	SF21-DP		SF22		SF23		SF24		SF25	
Sample Date:	03/25/90		03/26/90		03/26/90		03/26/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	J	3	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	J	3	U	10	J	1	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	J	4	U	10	J	3	J	2
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWIII Sample Id:	SF24		SF27		SF28		SF29		SF30-MS	
Sample Date:	04/02/90		03/11/90		03/11/90		03/11/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	J	2	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	J	3
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWB Sample Id:	SF31		SF31-DP		SF32		SF33A		SF33A-FB	
Sample Date:	04/02/90		04/02/90		04/02/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	U	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWB Sample ID:	SF53B		SF54A-MB		SF54B		SF55A		SF55B	
Sample Date:	04/08/99		04/08/99		04/08/99		04/08/99		04/08/99	
Compound Name:	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10	U	10	J	1
bis(2-Chloroethyl)Ether	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Dimethyl Phthalate	J	1	U	10	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	J	2	U	10	U	10	U	10	J	1
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	U	10	U	10	U	10	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	U	20	U	20	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	U	10	U	10	U	10	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Semi-volatiles
Units in ug/L

WWES Sample Id:	SF35B-FB		SF36		SF37	
Sample Date:	04/08/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	10	U	10
bis(2-Chloroethyl)Ether	U	10	U	10	U	10
2-Chlorophenol	U	10	U	10	U	10
1,3-Dichlorobenzene	U	10	U	10	U	10
1,4-Dichlorobenzene	U	10	U	10	U	10
Benzyl Alcohol	U	10	U	10	U	10
1,2-Dichlorobenzene	U	10	U	10	U	10
2-Methylphenol	U	10	U	10	U	10
bis(2-Chloroisopropyl)Ether	U	10	U	10	U	10
4-Methylphenol	U	10	U	10	U	10
N-Nitroso-Di-n-Propylamine	U	10	U	10	U	10
Hexachloroethane	U	10	U	10	U	10
Nitrobenzene	U	10	U	10	U	10
Isophorone	U	10	U	10	U	10
2-Nitrophenol	U	10	U	10	U	10
2,4-Dimethylphenol	U	10	U	10	U	10
Benzoic Acid	U	50	U	50	U	50
bis(2-Chloroethoxy)Methane	U	10	U	10	U	10
2,4-Dichlorophenol	U	10	U	10	U	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10
Naphthalene	U	10	U	10	U	10
4-Chloroaniline	U	10	U	10	U	10
Hexachlorobutadiene	U	10	U	10	U	10
4-Chloro-3-Methylphenol	U	10	U	10	U	10
2-Methylnaphthalene	U	10	U	10	U	10
Hexachlorocyclopentadiene	U	10	U	10	U	10
2,4,6-Trichlorophenol	U	10	U	10	U	10
2,4,5-Trichlorophenol	U	50	U	50	U	50
2-Chloronaphthalene	U	10	U	10	U	10
2-Nitroaniline	U	50	U	50	U	50
Dimethyl Phthalate	U	10	U	10	U	10
Acenaphthylene	U	10	U	10	U	10
2,6-Dinitrotoluene	U	10	U	10	U	10
3-Nitroaniline	U	50	U	50	U	50
Acenaphthene	U	10	U	10	U	10
2,4-Dinitrophenol	U	50	U	50	U	50
4-Nitrophenol	U	50	U	50	U	50
Dibenzofuran	U	10	U	10	U	10
2,4-Dinitrotoluene	U	10	U	10	U	10
Diethylphthalate	U	10	J	2	U	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10
Fluorene	U	10	U	10	U	10
4-Nitroaniline	U	50	U	50	U	50
4,6-Dinitro-2-Methylphenol	U	50	U	50	U	50
N-Nitrosodiphenylamine(1)	J	1	U	10	U	10
4-Bromophenyl-phenylether	U	10	U	10	U	10
Hexachlorobenzene	U	10	U	10	U	10
Pentachlorophenol	U	50	U	50	U	50
Phenanthrene	U	10	U	10	U	10
Anthracene	U	10	U	10	U	10
Di-n-Butylphthalate	U	10	U	10	U	10
Fluoranthene	U	10	U	10	U	10
Pyrene	U	10	U	10	U	10
Butylbenzylphthalate	U	10	U	10	J	3
3,3'-Dichlorobenzidine	U	20	U	20	U	20
Benzo(a)Anthracene	U	10	U	10	U	10
Chrysene	U	10	U	10	U	10
bis(2-Ethylhexyl)Phthalate	J	1	U	10	U	10
Di-n-Octyl Phthalate	U	10	U	10	U	10
Benzo(b)Fluoranthene	U	10	U	10	U	10
Benzo(k)Fluoranthene	U	10	U	10	U	10
Benzo(a)Pyrene	U	10	U	10	U	10
Indeno(1,2,3-cd)Pyrene	U	10	U	10	U	10
Dibenzo(a,h)Anthracene	U	10	U	10	U	10
Benzo(g,h,i)Perylene	U	10	U	10	U	10

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF01-MS		SF02		SF03		SF04		SF05		SF06		SF07	
Sample Date:	03/07/90		03/08/90		03/08/90		03/08/90		03/08/90		03/09/90		03/09/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF07-DP		SF08		SF09		SF10-MS		SF11		SF12		SF13	
Sample Date:	03/09/90		03/12/90		03/12/90		03/12/90		03/12/90		03/12/90		04/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.1	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	2	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	2	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	2	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF13-DP		SF14		SF14-FB		SF15		SF16-MS		SF17		SF17-FB	
Sample Date:	04/25/90		04/25/90		04/25/90		04/25/90		04/25/90		04/25/90		04/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF18		SF19		SF20		SF21		SF21-DP		SF22		SF23	
Sample Date:	03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF24		SF25		SF26		SF27		SF28		SF29		SF30-MS	
Sample Date:	03/26/90		04/02/90		04/02/90		03/11/90		03/11/90		03/11/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF31		SF31-DP		SF32		SF33A		SF33A-FB		SF33B		SF34A-MS	
Sample Date:	04/02/90		04/02/90		04/02/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	U	1	U	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Pesticides
Units in ug/L

WWES Sample Id:	SF34B		SF35A		SF35B		SF35B-FB		SF36		SF37	
Sample Date:	04/08/90		04/08/90		04/08/90		04/08/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
beta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
delta-BHC	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
gamma-BHC (Lindane)	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
Heptachlor	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
Aldrin	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
Heptachlor epoxide	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
Endosulfan I	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	R	0.05
Dieldrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
4,4'-DDE	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
Endrin	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
Endosulfan II	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
4,4'-DDD	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
Endosulfan sulfate	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
4,4'-DDT	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
Methoxychlor	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Endrin ketone	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	R	0.1
alpha-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
gamma-Chlordane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Toxaphene	U	1	U	1	U	1	U	1	U	1	R	1
Aroclor-1016	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Aroclor-1221	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Aroclor-1232	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Aroclor-1242	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Aroclor-1248	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	R	0.5
Aroclor-1254	U	1	U	1	U	1	U	1	U	1	R	1
Aroclor-1260	U	1	U	1	U	1	U	1	U	1	R	1

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWBS Sample Id:	SF01-MS		SF02		SF03		SF04		SF05		SF06		SF07	
Sample Date:	03/05/90		03/05/90		03/05/90		03/05/90		03/05/90		03/05/90		03/05/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.047	U	0.047	U	0.048	U	0.049	U	0.048	U	0.048
Hexachlorobutadiene	U	0.0076	U	0.0076	U	0.0076	U	0.0076	U	0.0078	U	0.0076	U	0.0076
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057	U	0.0057	U	0.0057	U	0.0057	U	0.0059	U	0.0057	U	0.0057
Chlordene	U	0.057	U	0.057	U	0.057	U	0.057	U	0.059	U	0.057	U	0.057

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	SF07-DP		SF08		SF09		SF10-MS		SF11		SF12		SF13	
Sample Date:	03/05/90		03/05/90		03/05/90		03/05/90		03/05/90		03/05/90		03/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019		0.023
Hexachlorocylopentadiene	U	0.047	U	0.048	U	0.048	U	0.048	U	0.048	U	0.048	U	0.047
Hexachlorobutadiene	U	0.0076	U	0.0076	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0076
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057	U	0.0057	U	0.0057	U	0.0057	U	0.0057	U	0.0058	U	0.0057
Chlordene	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.058	U	0.057

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	SF13-DP		SF14		SF14-FB		SF15		SF16-MS		SF17		SF17-FB	
Sample Date:	03/20/90		03/20/90		03/21/90		03/21/90		03/21/90		03/22/90		03/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.023	U	0.019	U	0.02	U	0.019	U	0.019	U	0.02	U	0.02
Hexachlorocylopentadiene	U	0.048	U	0.048	U	0.049	U	0.048	U	0.047	U	0.05	U	0.049
Hexachlorobutadiene	U	0.0076	U	0.0077	U	0.0078	U	0.0077	U	0.0076	U	0.008	U	0.0079
Octachlorocyclopentene	U	0.019	U	0.019	U	0.02	U	0.019	U	0.019	U	0.02	U	0.02
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0057	U	0.0057	U	0.0059	U	0.0058	U	0.0057	U	0.006	U	0.0059
Chlordene	U	0.057	U	0.057	U	0.059	U	0.058	U	0.057	U	0.06	U	0.059

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	SF18		SF19		SF20		SF21		SF21-DP		SF22		SF23	
Sample Date:	03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90		03/26/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.02	U	0.02	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02
Hexachlorocylopentadiene	U	0.05	U	0.049	U	0.049	U	0.048	U	0.049	U	0.049	U	0.049
Hexachlorobutadiene	U	0.008	U	0.0078	U	0.0078	U	0.0077	U	0.0078	U	0.0078	U	0.0078
Octachlorocyclopentene	U	0.02	U	0.02	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02
1,2,3,4,5,7,7-Heptachloronorborene	U	0.006	U	0.0059	U	0.0058	U	0.0058	U	0.0058	U	0.0058	U	0.0059
Chlordene	U	0.06	U	0.059	U	0.058	U	0.058	U	0.058	U	0.058	U	0.059

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	SF24		SF25		SF26		SF27		SF28		SF29		SF30-MS	
Sample Date:	03/26/90		04/02/90		04/02/90		03/05/90		03/05/90		03/05/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.02	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02
Hexachlorocylopentadiene	U	0.049	U	0.047	U	0.047	U	0.048	U	0.047	U	0.047	U	0.05
Hexachlorobutadiene	U	0.0078	U	0.0075	U	0.0075	U	0.0076	U	0.0076	U	0.0076	U	0.008
Octachlorocyclopentene	U	0.02	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.02
1,2,3,4,5,7,7-Heptachloronorborene	U	0.0059		0.0081		0.15	U	0.0057	U	0.0057	U	0.0057	U	0.006
Chlordene	U	0.059	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.06

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWRS Sample Id:	SF31		SF31-DP		SF32		SF33A		SF33A-FB		SF33B		SF34A-MS	
Sample Date:	04/02/90		04/02/90		04/02/90		04/02/90		04/02/90		04/06/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.02		0.033	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.05	U	0.048	U	0.049	U	0.047	U	0.047	U	0.048	U	0.047
Hexachlorobutadiene		0.008	U	0.0077	U	0.0078		0.0081	U	0.0075	U	0.0077	U	0.0075
Octachlorocyclopentene	U	0.02	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene		0.007	U	0.0058	U	0.0058	U	0.0057		0.012		0.0091	U	0.0057
Chlordene	U	0.06	U	0.058	U	0.058	U	0.057	U	0.057	U	0.058	U	0.057

SKINNER LANDFILL
Summary of SF Series Analytical Results
Alternate Pesticide Scan
Units in ug/L

WWES Sample Id:	SF34B		SF35A		SF35B		SF35B-FB		SF36		SF37	
Sample Date:	04/08/90		04/08/90		04/08/90		04/08/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
Hexachlorocylopentadiene	U	0.048	U	0.047	U	0.047	U	0.048	U	0.047	U	0.047
Hexachlorobutadiene		0.011		0.0029	U	0.0075	U	0.0077	U	0.0075	U	0.0075
Octachlorocyclopentene	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019
1,2,3,4,5,7,7-Heptachloronorborene		0.011		0.015		0.01		0.0082		0.012	U	0.0057
Chlordene	U	0.058	U	0.057	U	0.057	U	0.058	U	0.057	U	0.057

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF01-MS		SF02		SF03		SF04		SF05		SF06		SF07	
Sample Date:	03/07/90		03/07/90		03/07/90		03/10/90		03/10/90		03/10/90		03/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	UP	0.018	UP	0.046	BP	0.113	BP	0.0622	BP	0.114	BP	0.0639	BP	0.0808
Antimony	UP	0.029	UP	0.029	UP	0.029	UP	0.029	UP	0.029	UP	0.029	UP	0.029
Arsenic	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UWF	0.003
Barium	BP	0.0521	BP	0.057	BP	0.059	BP	0.06	BP	0.0619	BP	0.0619	BP	0.0619
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Calcium	P	98.5	P	104	P	104	P	96	P	96.4	P	98.1	P	97.8
Chromium	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007
Cobalt	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.014
Copper	UP	0.005	UP	0.005	BP	0.0059	UP	0.005	UP	0.005	UP	0.005	UP	0.005
Iron	BP	0.063	BP	0.0585	P	0.195	BP	0.095	P	0.174	P	0.124	P	0.142
Lead	UWF	0.001	UWF	0.001	BWF	0.0015	UWF	0.001	UWF	0.001	UWF	0.001	UWF	0.001
Magnesium	P	27.1	P	27.5	P	28.2	P	28.6	P	28.3	P	29	P	29.1
Manganese	UP	0.004	UP	0.004	BP	0.0097	UP	0.004	UP	0.004	UP	0.004	UP	0.004
Mercury	CV	0.0002	CV	0.0021	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	UP	0.027	UP	0.027	UP	0.027	UP	0.027	UP	0.027	UP	0.027	BP	0.0302
Potassium	BP	2.74	BP	3.38	BP	2.81	BP	3.2	BP	2.81	BP	2.51	BP	2.93
Selenium	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UWF	0.003
Silver	UP	0.004	BP	0.0044	UP	0.004	UP	0.004	UP	0.004	BP	0.0043	UP	0.004
Sodium	P	27.2	P	26.8	P	26.3	P	23.1	P	22.9	P	23.6	P	24.2
Thallium	UWF	0.001	UWF	0.001	UWF	0.001	UF	0.001	UWF	0.001	UF	0.001	UF	0.001
Vanadium	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008
Zinc	BP	0.0062	BP	0.0107	BP	0.0125	BP	0.0107	BP	0.0069	BP	0.0056	BP	0.0068
Cyanide	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF07-DP		SF08		SF09		SF10-MS		SF11		SF12		SF13	
Sample Date:	03/10/90		03/12/90		03/12/90		03/12/90		03/12/90		03/12/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	BP	0.0723	P	0.305	P	0.35	P	0.37	BP	0.148	P	0.279	P	0.463
Antimony	UP	0.029	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.014	UP	0.017
Arsenic	UWF	0.003	UF	0.001	UF	0.001	UWF	0.001	UF	0.001	UF	0.001	BF	0.0041
Barium	BP	0.061	BP	0.066	BP	0.0683	BP	0.044	BP	0.044	BP	0.044	BP	0.0385
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	UP	0.003	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002
Calcium	P	97.1	P	85.9	P	97.6	P	91.5	P	90.9	P	10.3	P	84.8
Chromium	UP	0.007	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.009
Cobalt	UP	0.014	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007
Copper	UP	0.005	BP	0.0069	BP	0.0046	BP	0.0113	BP	0.0041	BP	0.0041	BP	0.0105
Iron	P	0.114	P	0.348	P	0.396	P	0.425	P	0.138	P	0.332	P	0.616
Lead	UWF	0.001	UWF	0.002	UWF	0.002	UWF	0.002	UWF	0.002	UWF	0.002	UF	0.002
Magnesium	P	29	P	23.3	P	26.7	P	25.2	P	25.6	P	29.3	P	26.3
Manganese	BP	0.0058	BP	0.0115	BP	0.0121	BP	0.0125	BP	0.01	BP	0.0129	P	0.0184
Mercury	UCV	0.0002	CV	0.00062	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	UP	0.027	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.008
Potassium	BP	2.83	BP	2.59	BP	2.47	BP	2.4	BP	2.18	BP	2.59	BP	1.6
Selenium	UWF	0.003	UF	0.001	UF	0.001	BF	0.0012	UF	0.001	UF	0.001	UWNF	0.002
Silver	UP	0.004	UP	0.003	UP	0.003	BP	0.0032	UP	0.003	UP	0.003	UP	0.006
Sodium	P	24.1	P	17.2	P	19.3	P	18.2	P	18.3	P	21	P	19.2
Thallium	UWF	0.001	UWF	0.002	UWF	0.002	UF	0.002	UF	0.002	UF	0.002	UF	0.001
Vanadium	UP	0.008	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.004
Zinc	BP	0.0056	BP	0.0152	BP	0.0096	BP	0.0134	BP	0.0079	BP	0.0126	P	0.0249
Cyanide	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UAS	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF13-DP		SF14		SF14-FB		SF15		SF16-MS		SF17		SF17-FB	
Sample Date:	03/21/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90		03/21/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	0.262	BP	0.134	UP	0.026	BP	0.11	P	0.508	P	0.867	UP	0.026
Antimony	BP	0.0228	UP	0.017	UP	0.017	UP	0.017	UP	0.017	UP	0.017	UP	0.017
Arsenic	UF	0.002	UWF	0.002	UF	0.002	BF	0.0021	UF	0.002	BF	0.0024	BF	0.0028
Barium	BP	0.0324	BP	0.0332	BP	0.006	BP	0.037	BP	0.0462	BP	0.0445	UP	0.003
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	BP	0.0037	UP	0.002	UP	0.002	UP	0.002	BP	0.003	UP	0.002	UP	0.002
Calcium	P	88.1	P	82.6	BP	0.18	P	83.2	P	161	P	123	BP	0.249
Chromium	BP	0.0093	UP	0.009	UP	0.009	UP	0.009	UP	0.009	UP	0.009	UP	0.009
Cobalt	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007	UP	0.007
Copper	UP	0.008	BP	0.0116	BP	0.0126	BP	0.0116	UP	0.008	BP	0.0116	BP	0.0095
Iron	P	0.403	P	0.161	BP	0.0121	P	0.263	P	0.741	P	1.19	BP	0.0112
Lead	UF	0.002	UF	0.002	UF	0.002	UF	0.002	BF	0.0022	UF	0.002	UF	0.002
Magnesium	P	25.9	P	25.9	UP	0.04	P	26.4	P	35.4	P	33.5	UP	0.04
Manganese	BP	0.0138	BP	0.0038	UP	0.001	BP	0.0092	P	0.565	P	0.0288	UP	0.001
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	CV	0.00025	UCV	0.0002	CV	0.00033	CV	0.00046
Nickel	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008	UP	0.008
Potassium	BP	1.58	BP	1.36	UP	0.172	BP	2.44	P	6.7	BP	2.58	UP	0.172
Selenium	UWNF	0.002	UWNF	0.002	UWNF	0.002	UWNF	0.002	UWNF	0.002	UWNF	0.002	UWNF	0.002
Silver	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.006	UP	0.006
Sodium	P	19.6	P	19.2	UP	0.072	P	19.8	P	26.3	P	14.4	UP	0.072
Thallium	UF	0.001	BF	0.0014	UF	0.001	UF	0.001	UF	0.001	UF	0.001	UF	0.001
Vanadium	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.004	UP	0.004
Zinc	P	0.0254	BP	0.0194	P	0.0254	P	0.0272	P	0.0506	P	0.0285	P	0.0213
Cyanide	UAS	0.01	UAS	0.01	AS	0.026	UAS	0.01	UAS	0.01	UAS	0.01	UAS	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:		SF18		SF19		SF20		SF21		SF21-DP		SF22		SF23
Sample Date:		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90		03/26/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	27.7	P	3.33	BP	0.0284	BP	0.0517	BP	0.0641	BP	0.0372	BP	0.0597
Antimony	URP	0.022	URP	0.022	URP	0.022	URP	0.022	URP	0.022	URP	0.022	URP	0.022
Arsenic	BF	0.0043	BF	0.0036	BF	0.0011	UF	0.001	UF	0.001	UF	0.001	UF	0.001
Barium	BP	0.174	BP	0.0522	BP	0.0337	BP	0.0353	BP	0.0345	BP	0.0344	BP	0.035
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Calcium	P	118	P	99.6	P	118	P	121	P	120	P	118	P	121
Chromium	P	0.0294	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Cobalt	BP	0.0164	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Copper	P	0.034	BP	0.0077	BP	0.0041	BP	0.0038	BP	0.0038	BP	0.0041	BP	0.0041
Iron	P	39.7	P	4.7	BP	0.0766	BP	0.0938	P	0.11	P	0.1	P	0.137
Lead	F	0.0336	F	0.0066	BWF	0.0026	BWF	0.0013	BWF	0.0014	BWF	0.0013	BWF	0.0011
Magnesium	P	30	P	18.5	P	25.5	P	25.9	P	25.7	P	25.6	P	26.2
Manganese	P	1.02	P	0.19	P	0.0373	P	0.0609	P	0.0616	P	0.0592	P	0.0715
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	BP	0.0391	BP	0.012	UP	0.012	UP	0.012	UP	0.012	UP	0.012	UP	0.012
Potassium	P	5.46	BP	1.56	BP	2.47	BP	2.4	BP	2.33	BP	2.71	BP	2.61
Selenium	UWNF	0.004	UWNF	0.004	UNF	0.004	UNF	0.004	UNF	0.004	UWNF	0.004	UNF	0.004
Silver	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.002
Sodium	P	7.82	BP	4.62	P	46.9	P	47	P	46.6	P	44.3	P	47.2
Thallium	UF	0.002	UF	0.002	UF	0.002	UWF	0.002	UF	0.002	UF	0.002	UWF	0.002
Vanadium	BP	0.0489	BP	0.0056	UP	0.001	UP	0.001	UP	0.001	UP	0.001	BP	0.0014
Zinc	P	0.163	P	0.0252	BP	0.0068	UP	0.005	UP	0.005	BP	0.0085	BP	0.0088
Cyanide	UAS	0.01	UAS	0.01	UAS	0.0125	UAS	0.0125	UAS	0.01	UAS	0.01	UAS	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF24		SF25		SF26		SF27		SF28		SF29		SF30-MS	
Sample Date:	03/26/90		04/02/90		04/02/90		03/11/90		03/11/90		03/11/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	BP	0.043	BP	0.186	UP	0.02	P	0.368	P	0.337	P	0.758	BP	0.062
Antimony	URP	0.022	BP	0.0269	BP	0.032	UP	0.014	UP	0.014	UP	0.014	UP	0.021
Arsenic	UF	0.001	BF	0.001	UF	0.001	UF	0.001	UF	0.001	UF	0.001	UF	0.001
Barium	BP	0.0329	BP	0.0349	BP	0.0336	BP	0.0215	BP	0.0206	BP	0.022	BP	0.0068
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001	UP	0.001
Cadmium	UP	0.001	BP	0.0031	P	0.0059	UP	0.002	UP	0.002	UP	0.002	BP	0.0049
Calcium	P	125	P	129	P	131	P	23.3	P	22.7	P	24	P	23.8
Chromium	UP	0.003	UP	0.009	UP	0.009	UP	0.003	UP	0.003	UP	0.003	UP	0.009
Cobalt	UP	0.003	UP	0.005	UP	0.005	UP	0.007	UP	0.007	UP	0.007	UP	0.005
Copper	BP	0.0033	UP	0.002	UP	0.002	BP	0.0046	BP	0.0036	BP	0.0041	BP	0.01
Iron	BP	0.0899	P	0.264	BP	0.0297	P	0.57	P	0.523	P	1.06	P	0.188
Lead	BWF	0.0016	BF	0.0015	BF	0.0014	UWF	0.002	UWF	0.002	F	0.0033	F	0.0043
Magnesium	P	27.9	P	29.2	P	29.6	BP	4.25	BP	4.08	BP	4.35	P	13.9
Manganese	P	0.056	P	0.0163	BP	0.0094	P	0.0623	P	0.076	P	0.144	P	0.0297
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	CV	0.00036
Nickel	UP	0.012	BP	0.0098	BP	0.0075	UP	0.007	UP	0.007	UP	0.007	BP	0.0073
Potassium	BP	2.36	BP	2.89	BP	2.62	BP	2.34	BP	2.18	BP	2.81	BP	1.15
Selenium	UNP	0.004	UF	0.002	UF	0.002	BF	0.001	UF	0.001	UWF	0.001	UF	0.002
Silver	UP	0.002	UNRP	0.002	BNP	0.0032	UP	0.003	UP	0.003	UP	0.003	UNRP	0.002
Sodium	P	49.3	P	51.3	P	51.5	BP	1.53	BP	1.61	BP	1.78	BP	1.61
Thallium	UWF	0.002	UF	0.002	UF	0.002	UF	0.002	UF	0.002	UF	0.002	UF	0.002
Vanadium	UP	0.001	BP	0.0088	BP	0.0091	UP	0.006	UP	0.006	UP	0.006	BP	0.0072
Zinc	BP	0.0068	BP	0.01	BP	0.0065	BP	0.0156	BP	0.0053	BP	0.0141	BP	0.01
Cyanide	UAS	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF31		SF31-DP		SF32		SF33A		SF33A-FB		SF33B		SF44A-MS	
Sample Date:	04/02/90		04/02/90		04/02/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	BP	0.0946	BP	0.0726	UP	0.02	P	1.02	BP	0.0555	P	2.71	P	1.31
Antimony	BP	0.0535	UP	0.021	BP	0.0253	UP	0.028	UP	0.028	UP	0.028	UP	0.028
Arsenic	BWF	0.0012	BWF	0.0024	BWF	0.0015	UWF	0.002	UF	0.002	UF	0.002	UF	0.002
Barium	UP	0.006	BP	0.0158	UP	0.006	BP	0.0311	UP	0.017	BP	0.0353	BP	0.0311
Beryllium	UP	0.001	UP	0.001	UP	0.001	UP	0.002	UP	0.002	UP	0.002	UP	0.002
Cadmium	BP	0.0037	P	0.0058	P	0.0053	BP	0.0047	UP	0.003	UP	0.003	UP	0.003
Calcium	P	24.3	P	24.9	P	24.4	P	82.8	UP	0.4	P	84.3	P	83.8
Chromium	UP	0.009	UP	0.009	UP	0.009	UP	0.005	BP	0.0064	UP	0.005	UP	0.005
Cobalt	UP	0.005	UP	0.005	UP	0.005	UP	0.006	UP	0.006	UP	0.006	UP	0.006
Copper	BP	0.011	BP	0.0073	BP	0.0075	UP	0.003	UP	0.003	UP	0.003	UP	0.003
Iron	P	0.254	P	0.263	P	0.179	P	0.622	BP	0.0276	P	1.79	P	0.901
Lead	F	0.003	F	0.0062	BF	0.0025	WF	0.0035	UF	0.001	UWF	0.001	UWF	0.001
Magnesium	P	14.2	P	14.1	P	14.1	P	24.5	UP	0.43	P	25	P	24.7
Manganese	P	0.0294	P	0.0536	P	0.0287	P	0.018	UP	0.001	P	0.0387	P	0.0209
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	BP	0.0084	BP	0.0059	BP	0.006	UP	0.015	UP	0.015	UP	0.015	UP	0.015
Potassium	BP	1.18	BP	1.2	BP	1.28	BP	2.7	UP	0.61	BP	3.19	BP	2.7
Selenium	UF	0.002	UF	0.002	UF	0.002	UNWF	0.001	UNWF	0.001	UNF	0.001	UNWF	0.001
Silver	URP	0.002	UNRP	0.002	UNRP	0.002	UNP	0.002	UNP	0.002	UNP	0.002	UNP	0.002
Sodium	BP	1.67	BP	1.73	BP	1.7	P	14.1	UP	0.36	P	15.1	P	14.1
Thallium	UF	0.002	UF	0.002	UF	0.002	UF	0.003	UF	0.003	UF	0.003	UF	0.003
Vanadium	BP	0.0091	BP	0.0099	BP	0.009	UP	0.005	UP	0.005	BP	0.0069	BP	0.0063
Zinc	BP	0.0067	BP	0.0067	BP	0.0088	P	0.0328	UP	0.003	UP	0.003	UP	0.003
Cyanide	UC	0.01	UC	0.01	UC	0.01	UAS	0.01	UAS	0.01	UAS	0.01	UAS	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Inorganics
Units in mg/L

WWES Sample Id:	SF34B		SF35A		SF35B		SF35B-FB		SF36		SF37	
Sample Date:	04/06/90		04/06/90		04/06/90		04/06/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	1.61	P	4.61	P	3.71	BP	0.111	BP	0.0253	BP	0.112
Antimony	UP	0.028	UP	0.028	UP	0.028	UP	0.028	UP	0.021	BP	0.022
Arsenic	UF	0.002	UF	0.002	UF	0.002	UF	0.002	BWF	0.0011	UWF	0.001
Barium	BP	0.0319	BP	0.0438	BP	0.0387	UP	0.017	BP	0.0412	BP	0.0362
Beryllium	UP	0.002	UP	0.002	UP	0.002	UP	0.002	UP	0.001	UP	0.001
Cadmium	UP	0.003	BP	0.0039	UP	0.003	UP	0.003	BP	0.0031	BP	0.0048
Calcium	P	83.7	P	82.7	P	80.9	UP	0.4	P	99.1	P	125
Chromium	UP	0.005	UP	0.005	UP	0.005	UP	0.005	UP	0.009	UP	0.009
Cobalt	UP	0.006	UP	0.006	UP	0.006	UP	0.006	BP	0.0056	UP	0.005
Copper	UP	0.003	UP	0.003	UP	0.003	UP	0.003	BP	0.0064	BP	0.0102
Iron	P	1.05	P	2.5	P	2.88	BP	0.0157	BP	0.0795	P	0.196
Lead	BWF	0.0014	UWF	0.001	BWF	0.0017	BF	0.0019	BF	0.0016	F	0.0044
Magnesium	P	24.7	P	25.4	P	24.8	UP	0.43	P	29.3	P	27
Manganese	P	0.0258	P	0.0376	P	0.0447	UP	0.001	BP	0.0133	P	0.0542
Mercury	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002	UCV	0.0002
Nickel	UP	0.015	UP	0.015	UP	0.015	UP	0.015	BP	0.0078	BP	0.0106
Potassium	BP	3.08	BP	4.39	BP	3.66	UP	0.61	BP	2.25	BP	2.86
Selenium	UNF	0.001	UNF	0.001	UNF	0.001	UNWF	0.001	UF	0.002	UF	0.002
Silver	UNP	0.002	UNP	0.002	UNP	0.002	UNP	0.002	UNRP	0.002	URP	0.002
Sodium	P	14.3	P	14.6	P	14	UP	0.36	P	22	P	48.4
Thallium	UF	0.003	UF	0.003	UF	0.003	UF	0.003	UF	0.002	UF	0.002
Vanadium	BP	0.0085	BP	0.0104	BP	0.006	UP	0.005	BP	0.0098	BP	0.0098
Zinc	UP	0.003	BP	0.0061	BP	0.0051	UP	0.003	BP	0.0103	BP	0.0078
Cyanide	UAS	0.01	UAS	0.01	UAS	0.01	UAS	0.01	UC	0.01	UC	0.01

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	SF01-MS		SF02		SF03		SF04		SF05		SF06		SF07	
Sample Date:	03/10/90		03/10/90		03/10/90		03/10/90		03/10/90		03/10/90		03/10/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		233		250		247		227		229		238		235
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BOD,5-day														
Chloride		45		45		45		42		41		43		43
COD														
Nitrate/Nitrite		0.6		0.65		0.55		0.6		0.65		0.4		0.45
pH		8.3		8.1		8.2		8.4		8.4		8.2		8.3
Sulfate		100		110		108		110		108		108		108
TKN														
Phosphorus,total		0.273		0.042		0.05		0.048		0.036		0.045		0.052

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	SF07-DP		SF08		SF09		SF10-MS		SF11		SF12		SF13	
Sample Date:	03/10/90		03/10/90		03/10/90		03/10/90		03/10/90		03/10/90		04/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		235		246		248		249		263		263		241
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BOD,5-day														
Chloride		44		28		29		29		30		31		32
COD														
Nitrate/Nitrite		0.4		1.2		1.1		0.85		0.6		0.6		0.3
pH		8.3		8.3		8.4		8.4		8.3		8.3		8.4
Sulfate		107		82		77		83		80		85		76
TKN														
Phosphorus,total		0.043		0.077		0.072		0.07		0.063		0.064		0.061

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	SF13-DP		SF14		SF14-FB		SF15		SF16-MS		SF17		SF17-FB	
Sample Date:	04/25/90		04/25/90		04/25/90		04/25/90		04/25/90		04/25/90		04/25/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		239		238	U	2		236		327		287	U	2
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1		0.02	U	0.1	U	0.1
BOD,5-day														
Chloride		32		32	U	5		34		30		18	U	5
COD														
Nitrate/Nitrite		0.3		0.3	U	0.1		0.2		1.2	U	0.1	U	0.1
pH		8.4		8.4		5.5		8.4		7.8		7.3		5.5
Sulfate		72		72	U	1		74		240		154	U	1
TKN														
Phosphorus,total		0.056		0.038	U	0.025		0.041		0.094		0.11	U	0.025

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:		SF24		SF25		SF26		SF27		SF28		SF29		SF90-MS
Sample Date:		03/26/90		04/02/90		04/02/90		03/10/90		03/10/90		03/10/90		04/02/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		262		266		266		58		60		54		72
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BOD,5-day														
Chloride		84		76		77	U	5	U	5	U	5	U	5
COD														
Nitrate/Nitrite		0.1		0.2		0.2	U	0.1	U	0.1	U	0.1	U	0.1
pH		8.1		8.1		8.1		7.3		7.3		7.2		8.9
Sulfate		129		152		140		12		13		12		43
TKN														
Phosphorus,total		0.064		0.079		0.071		0.078		0.068		0.08	U	0.025

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:		SF18		SF19		SF20		SF21		SF21-DP		SF22		SF23
Sample Date:		03/25/90		03/25/90		03/25/90		03/25/90		03/25/90		03/26/90		03/26/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		271		244		262		263		263		263		261
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BOD,5-day														
Chloride		9		6		72		73		71		18		72
COD														
Nitrate/Nitrite	U	0.1		0.1		0.1		0.2		0.2		0.2		0.2
pH		7.3		7.5		8.2		7.9		7.9		7.9		7.8
Sulfate		81		61		122		110		116		99		119
TKN														
Phosphorus,total		3.37		0.139		0.071		0.077		0.076		0.082		0.084

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	SF31		SF31-DP		SF32		SF33A		SF33A-FB		SF33B		SF34A-MS	
Sample Date:	04/02/90		04/02/90		04/02/90		04/08/90		04/08/90		04/08/90		04/08/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		72		72		73		213	U	2		219		214
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1		0.1	U	0.1	U	0.1	U	0.1
BOD,5-day														
Chloride	U	5	U	5	U	5		16	U	5		16		16
COD														
Nitrate/Nitrite	U	0.1	U	0.1	U	0.1		0.3	U	0.1		0.3		0.3
pH		9.1		9		8.9		7.8		5.6		7.8		7.8
Sulfate		44		45		41		84	U	1		90		91
TKN														
Phosphorus,total		0.032		0.026	U	0.025		0.026	U	0.025		0.096		0.031

SKINNER LANDFILL
Summary of SF Series Analytical Results
Major Ions
Units in ug/L

WWES Sample Id:	SF34B		SF35A		SF35B		SF35B-FB		SF36		SF37	
Sample Date:	04/08/90		04/08/90		04/08/90		04/08/90		04/02/90		04/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Alkalinity,total		216		210		212	U	2				263
Ammonia Nitrogen	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BOD,5-day												
Chloride		16		16		16	U	5		39		71
COD												
Nitrate/Nitrite		0.3		0.3		0.3	U	0.1		0.3		0.2
pH		7.8		7.8		7.8		5.5		8.3		7.8
Sulfate		90		86		90	U	1		96		134
TKN												
Phosphorus,total		0.043		0.078		0.117	U	0.025		0.03		0.096

Waste Lagoon Borings (WL)

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWBS Sample Id:	WL01-AB		WL01A		WL01B		WL01C		WL02A		WL02B		WL03-AB	
Sample Date:	04/22/90		04/22/90		04/22/90		04/22/90		05/20/90		05/20/90		04/23/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Bromomethane	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Vinyl Chloride	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Chloroethane	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Methylene Chloride		5	R	0.44	R	0.54	R	0.37	U	0.01	U	0.008	J	4
Acetone	U	22	U	1.4	U	1.6	U	1.4		0.087		0.037		36
Carbon Disulfide	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,1-Dichloroethene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,1-Dichloroethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,2-Dichloroethene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Chloroform		5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	J	4
1,2-Dichloroethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
2-Butanone	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
1,1,1-Trichloroethane	J	2	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	J	1
Carbon Tetrachloride	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Vinyl Acetate	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Bromodichloromethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,2-Dichloropropane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
cis-1,3-Dichloropropene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Trichloroethene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Dibromochloromethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,1,2-Trichloroethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Benzene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
trans-1,3-Dichloropropene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Bromoform	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
4-Methyl-2-Pentanone	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
2-Hexanone	U	10	U	1.4	U	1.6	U	1.4	U	0.013	U	0.011	U	10
Tetrachloroethene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
1,1,2,2-Tetrachloroethane	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Toluene	U	5	J	0.086	J	0.14	J	0.13		0.097		0.095	J	0.8
Chlorobenzene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Ethylbenzene	U	5	U	0.7	U	0.78	U	0.67		0.01	J	0.004	U	5
Styrene	U	5	U	0.7	U	0.78	U	0.67	U	0.006	U	0.006	U	5
Xylene (total)	U	5	U	0.7	U	0.78	U	0.67		0.053		0.024	U	5

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:	WL03A		WL03B		WL03C		WL03D		WL03E		WL04-AB		WL04A-MS	
Sample Date:	04/23/90		04/23/90		05/20/90		05/20/90		05/20/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Bromomethane	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Vinyl Chloride	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Chloroethane	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Methylene Chloride	U	5	U	5	U	0.83	U	0.7	U	0.69		54	U	0.85
Acetone	U	5	E	140	U	2	U	1.8	U	2	U	10	U	1.7
Carbon Disulfide	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,1-Dichloroethene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,1-Dichloroethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,2-Dichloroethene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Chloroform	U	3	U	3	U	0.83	U	0.7	U	0.69		6	U	0.85
1,2-Dichloroethane	U	3		13	J	0.64	U	0.7	U	0.69	U	5	U	0.85
2-Butanone	U	5		39	U	1.7	U	1.4	U	1.4	U	10	J	0.52
1,1,1-Trichloroethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Carbon Tetrachloride	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Vinyl Acetate	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Bromodichloromethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,2-Dichloropropane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
cis-1,3-Dichloropropene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Trichloroethene	U	3	U	3	U	0.83	U	0.7	U	0.69	J	0.6	U	0.85
Dibromochloromethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,1,2-Trichloroethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Benzene	U	3	J	7	U	0.83	U	0.7	U	0.69	U	5	U	0.85
trans-1,3-Dichloropropene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Bromoform	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
4-Methyl-2-Pentanone	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
2-Hexanone	U	5	U	5	U	1.7	U	1.4	U	1.4	U	10	U	1.7
Tetrachloroethene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
1,1,2,2-Tetrachloroethane	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Toluene	U	3	J	2	U	0.83	U	0.7	U	0.69		8	J	0.23
Chlorobenzene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Ethylbenzene	U	3	J	1		3.5		2.2	U	0.69	J	0.8	U	0.85
Styrene	U	3	U	3	U	0.83	U	0.7	U	0.69	U	5	U	0.85
Xylene (total)	U	3	U	3		4		3.5	U	0.69	J	2	U	0.85

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:		WL04C		WL05-AB		WL05B		WL05C		WL06B		WL06B-AB		WL06C
Sample Date:		05/07/90		05/14/90		05/14/90		05/14/90		04/08/90		04/08/90		04/10/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Bromomethane	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Vinyl Chloride	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Chloroethane	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Methylene Chloride	U	0.84		7	U	4.5	U	0.68	R	1.4	R	7	U	28
Acetone	U	1.7		100	U	39	U	1.4	U	2.7	U	10	U	56
Carbon Disulfide	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
1,1-Dichloroethene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
1,1-Dichloroethane	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
1,2-Dichloroethene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
Chloroform	U	0.84	J	2	J	3.9	U	0.68	U	1.4		11	U	28
1,2-Dichloroethane	U	0.84	U	5	J	6.7	U	0.68	U	1.4	U	5	U	28
2-Butanone	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
1,1,1-Trichloroethane	U	0.84	U	5		14	U	0.68	U	1.4	U	5	U	28
Carbon Tetrachloride	U	0.84	U	5		37	U	0.68	U	1.4	U	5	U	28
Vinyl Acetate	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Bromodichloromethane	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
1,2-Dichloropropane	U	0.84	U	5		30	U	0.68	U	1.4	U	5	U	28
cis-1,3-Dichloropropene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
Trichloroethene	U	0.84	U	5		34	U	0.68	U	1.4	U	5	U	28
Dibromochloromethane	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
1,1,2-Trichloroethane	U	0.84	U	5		16	U	0.68	U	1.4	U	5	U	28
Benzene	U	0.84	U	5	J	8.5	U	0.68	U	1.4	U	5	U	28
trans-1,3-Dichloropropene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
Bromoform	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
4-Methyl-2-Pentanone	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
2-Hexanone	U	1.7	U	10	U	21	U	1.4	U	2.7	U	10	U	56
Tetrachloroethene	U	0.84	U	5		14	U	0.68	U	1.4	U	5	U	28
1,1,2,2-Tetrachloroethane	U	0.84	U	5		11	U	0.68	U	1.4	U	5	U	28
Toluene	J	0.2	U	5		300		0.77		38		12		470
Chlorobenzene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
Ethylbenzene	U	0.84	U	5		31	U	0.68	U	1.4	U	5	U	28
Styrene	U	0.84	U	5	U	10	U	0.68	U	1.4	U	5	U	28
Xylene (total)	U	0.84	U	5		93	U	0.68		2.5	U	5	U	28

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:	WL06C-AB		WL06C-FB		WL07A		WL07A-AB		WL07B		WL07B-DL		WL07C	
Sample Date:	04/10/90		04/10/90		04/19/90		04/17/90		04/17/90		04/17/90		04/19/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Bromomethane	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Vinyl Chloride	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Chloroethane	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Methylene Chloride	U	9	U	7	U	52	U	6	U	2.5	U	2000	U	330
Acetone		19	U	36	U	110		10	U	6.1	U	4700	U	660
Carbon Disulfide	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,1-Dichloroethene	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,1-Dichloroethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,2-Dichloroethene	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Chloroform		11	U	5	U	52		9	U	2.5	U	2000	U	330
1,2-Dichloroethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
2-Butanone	U	10	U	10	U	110	U	10	U	15	U	6700	U	660
1,1,1-Trichloroethane	U	5	U	5	U	52	J	4	U	2.5	U	2000	U	330
Carbon Tetrachloride	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Vinyl Acetate	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Bromodichloromethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,2-Dichloropropane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	3390
cis-1,3-Dichloropropene	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Trichloroethene	U	5	U	5	U	52	U	5	U	8.5	U	2000	U	330
Dibromochloromethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,1,2-Trichloroethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Benzene	U	5	U	5	U	52	U	5		10	U	2000	U	330
trans-1,3-Dichloropropene	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Bromoform	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
4-Methyl-2-Pentanone	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
2-Hexanone	U	10	U	10	U	110	U	10	U	5	U	4000	U	660
Tetrachloroethene	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
1,1,2,2-Tetrachloroethane	U	5	U	5	U	52	U	5	U	2.5	U	2000	U	330
Toluene	J	2	U	5		1600	J	1	E	2000	D	31000		12000
Chlorobenzene	U	5	U	5	U	52	U	5		5	U	2000	U	330
Ethylbenzene	U	5	U	5	U	52	U	5		36	U	2000	U	330
Styrene	U	5	U	5	U	52	U	5		3.6	U	2000	U	330
Xylene (total)	U	5	U	5	U	52	U	5		51	U	2000	U	330

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWBS Sample Id:	WL07D		WL07B		WL08-AB		WL08A-FB		WL08A-MS		WL08B		WL08B-DP	
Sample Date:	04/19/90		04/19/90		05/01/90		05/20/90		05/20/90		05/20/90		05/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Bromomethane	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Vinyl Chloride	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Chloroethane	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Methylene Chloride	U	14	U	14	U	8	U	0.62	U	0.78	U	0.68	R	0.69
Acetone	U	28	U	29	U	38	U	1.3	U	1.9	U	1.4	R	1.4
Carbon Disulfide	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,1-Dichloroethene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,1-Dichloroethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,2-Dichloroethene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Chloroform	U	14	U	14		5	U	0.62	U	0.78	U	0.68	R	0.69
1,2-Dichloroethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
2-Butanone	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
1,1,1-Trichloroethane	U	14	U	14	J	4	U	0.62	U	0.78	U	0.68	R	0.69
Carbon Tetrachloride	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Vinyl Acetate	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Bromodichloromethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,2-Dichloropropane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
cis-1,3-Dichloropropene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Trichloroethene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Dibromochloromethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,1,2-Trichloroethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Benzene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
trans-1,3-Dichloropropene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Bromoform	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
4-Methyl-2-Pentanone	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
2-Hexanone	U	28	U	29	U	10	U	1.3	U	1.6	U	1.4	R	1.4
Tetrachloroethene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
1,1,2,2-Tetrachloroethane	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Toluene		440		580	J	0.9	U	0.62	U	0.78	J	0.28	R	0.28
Chlorobenzene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Ethylbenzene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Styrene	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69
Xylene (total)	U	14	U	14	U	5	U	0.62	U	0.78	U	0.68	R	0.69

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:	WL09-AB		WL09A		WL09A-FB		WL09B		WL10-AB		WL10A-MS		WL10B	
Sample Date:	05/16/90		05/16/90		05/16/90		05/16/90		04/17/90		04/19/90		04/19/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Bromomethane	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Vinyl Chloride	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Chloroethane	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Methylene Chloride		39	U	1.4	U	0.4	BJ	5.3	U	5	U	190	U	0.69
Acetone	U	7	U	2.1	U	4.4	B	93	U	10	U	380	U	15
Carbon Disulfide	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
1,1-Dichloroethene	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
1,1-Dichloroethane	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
1,2-Dichloroethene	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
Chloroform	J	4	J	0.22	U	0.62	U	12		7	U	190	U	0.69
1,2-Dichloroethane	U	5		2.9	U	0.62		22	U	5	U	190	J	0.66
2-Butanone	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	4.6
1,1,1-Trichloroethane	U	5	U	0.68	U	0.62	U	12		5	U	190	U	0.69
Carbon Tetrachloride	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
Vinyl Acetate	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Bromodichloromethane	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
1,2-Dichloropropane	U	5		2.6	U	0.62		130	U	5	U	190		0.99
cis-1,3-Dichloropropene	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
Trichloroethene	U	5	J	0.61	U	0.62	J	10	U	5	U	190	U	0.69
Dibromochloromethane	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.67
1,1,2-Trichloroethane	U	5		3	U	0.62		61	U	5	U	190		2
Benzene	U	5	J	0.3	U	0.62	J	6.3	U	5	U	190	U	0.69
trans-1,3-Dichloropropene	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
Bromoform	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
4-Methyl-2-Pentanone	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
2-Hexanone	U	10	U	1.4	U	1.3	U	25	U	10	U	380	U	1.4
Tetrachloroethene	U	5	J	0.14	U	0.62	J	9.9	U	5	U	190	U	0.69
1,1,2,2-Tetrachloroethane	U	5	J	0.45	U	0.62		32	U	5	U	190	U	0.69
Toluene		5		8.6	U	0.62		290	U	5		6300		5
Chlorobenzene	U	5	U	0.68	U	0.62	U	12	U	5	U	190	U	0.69
Ethylbenzene	U	5		0.84	U	0.62	J	5.5	U	5	J	35	J	0.32
Styrene	U	5	U	0.68	U	0.62	U	12	U	5	J	25	U	0.69
Xylene (total)	U	5		1.8	U	0.62		22	U	5	J	89		0.69

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWBS Sample Id:	WL10B-DP		WL11-AB		WL11A-MS		WL11B		WL11C		WL12-AB		WL12A	
Sample Date:	04/19/90		04/22/90		04/22/90		04/22/90		04/22/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Bromomethane	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Vinyl Chloride	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Chloroethane	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Methylene Chloride	U	0.67	R	5	R	0.25	R	0.2	R	0.31	U	43	U	0.76
Acetone	U	6.1		14	U	0.23	U	7.7	U	1.5	U	10	U	1.5
Carbon Disulfide	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,1-Dichloroethene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,1-Dichloroethane	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,2-Dichloroethene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Chloroform	U	0.67		5	U	0.78	U	0.75	U	0.72		5	U	0.76
1,2-Dichloroethane		0.83	U	5	U	0.78	J	0.24	U	0.72	U	5	U	0.76
2-Butanone	U	2.2	U	10	U	0.55	U	3.9	U	1.5	J	3	U	1.5
1,1,1-Trichloroethane	U	0.67	J	2	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Carbon Tetrachloride	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Vinyl Acetate	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Bromodichloromethane	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,2-Dichloropropane		1	U	5	U	0.78	J	0.14	U	0.72	U	5	U	0.76
cis-1,3-Dichloropropene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Trichloroethene	J	0.13	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Dibromochloromethane	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,1,2-Trichloroethane		2.2	U	5	U	0.78	J	0.073	U	0.72	U	5	U	0.76
Benzene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
trans-1,3-Dichloropropene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Bromoform	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
4-Methyl-2-Pentanone	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
2-Hexanone	U	1.4	U	10	U	1.6	U	1.5	U	1.5	U	10	U	1.5
Tetrachloroethene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
1,1,2,2-Tetrachloroethane	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Toluene		2.5	J	0.8	J	0.25		5.6	J	0.27	J	4	J	0.17
Chlorobenzene	U	0.67	U	5	U	0.78	U	0.75	U	0.72	U	5	U	0.76
Ethylbenzene	J	0.098	U	5	J	0.2		1.7	U	0.72	J	0.6	U	0.76
Styrene	U	0.67	U	5	U	0.78	J	0.41	U	0.72	U	5	U	0.76
Xylene (total)	J	0.23	U	5	J	0.14		1.9	U	0.72	J	2	U	0.76

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:	WL12A-FB		WL12C		WL13-AB		WL13A		WL13B		WL14A		WL14B	
Sample Date:	05/14/90		05/07/90		05/18/90		05/19/90		05/19/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Bromomethane	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Vinyl Chloride	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Chloroethane	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Methylene Chloride	U	0.62	U	0.65	BJ	4		0.078		0.009	U	34	U	57
Acetone	U	1.3	U	1.3	B	66		0.27		0.057	U	69	U	120
Carbon Disulfide	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
1,1-Dichloroethene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
1,1-Dichloroethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
1,2-Dichloroethene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
Chloroform	U	0.62	U	0.65	J	3	U	0.029	U	0.005	J	10	J	33
1,2-Dichloroethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005		71		210
2-Butanone	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
1,1,1-Trichloroethane	U	0.62	U	0.65	J	2	U	0.029	U	0.005	J	21		63
Carbon Tetrachloride	U	0.62	U	0.65	U	5	U	0.029	U	0.005		59		160
Vinyl Acetate	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Bromodichloromethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
1,2-Dichloropropane	U	0.62	U	0.65	U	5	U	0.029	U	0.005		150		340
cis-1,3-Dichloropropene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
Trichloroethene	U	0.62	U	0.65	U	5	U	0.029	U	0.005		63		140
Dibromochloromethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
1,1,2-Trichloroethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005		210		370
Benzene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	J	23		60
trans-1,3-Dichloropropene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
Bromoform	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
4-Methyl-2-Pentanone	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
2-Hexanone	U	1.3	U	1.3	U	10	U	0.057	U	0.011	U	69	U	120
Tetrachloroethene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	J	29	J	44
1,1,2,2-Tetrachloroethane	U	0.62	U	0.65	U	5	U	0.029	U	0.005		94		130
Toluene	U	0.62	U	0.65	BJ	3		0.98		0.13		910		1500
Chlorobenzene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	J	10	J	15
Ethylbenzene	U	0.62	U	0.65	U	5	U	0.029	U	0.005		65		98
Styrene	U	0.62	U	0.65	U	5	U	0.029	U	0.005	U	34	U	57
Xylene (total)	U	0.62	U	0.65	U	5	U	0.029	U	0.005		140		200

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:	WL15-AB		WL15A		WL15A-DP		WL15B		WL16-AB		WL16A		WL16B	
Sample Date:	05/19/90		05/19/90		05/19/90		05/19/90		05/07/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Chloromethane	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Bromomethane	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Vinyl Chloride	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Chloroethane	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Methylene Chloride	U	4	J	0.3	J	1.7	J	0.63		54	U	0.7	U	0.72
Acetone	U	46	U	1.5	U	6.2		5.7	U	10	U	1.4	U	1.5
Carbon Disulfide	U	1	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
1,1-Dichloroethene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
1,1-Dichloroethane	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
1,2-Dichloroethene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Chloroform	J	3	U	0.77	U	3.1	U	1.5		6	U	0.7	U	0.72
1,2-Dichloroethane	U	5	J	0.53	U	3.1	U	1.5	U	5	U	0.7	U	0.72
2-Butanone	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
1,1,1-Trichloroethane	J	2	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Carbon Tetrachloride	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Vinyl Acetate	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Bromodichloromethane	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
1,2-Dichloropropane	U	5		0.93		3.2		3.2	U	5	U	0.7	U	0.72
cis-1,3-Dichloropropene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Trichloroethene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Dibromochloromethane	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
1,1,2-Trichloroethane	U	5	J	0.29	U	3.1		2.3	U	5	U	0.7	U	0.72
Benzene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
trans-1,3-Dichloropropene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Bromoform	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
4-Methyl-2-Pentanone	U	10	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
2-Hexanone	J	3	U	1.5	U	6.2	U	2.9	U	10	U	1.4	U	1.5
Tetrachloroethene	U	5	U	0.77	U	3.1	J	0.86	U	5	U	0.7	U	0.72
1,1,2,2-Tetrachloroethane	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Toluene	B	8		15		71		35	J	4	J	0.1	J	0.16
Chlorobenzene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Ethylbenzene	U	5		1.7		6.9		3.3	J	0.6	U	0.7	U	0.72
Styrene	U	5	U	0.77	U	3.1	U	1.5	U	5	U	0.7	U	0.72
Xylene (total)	U	5		1.3		5.1		4.9	J	2	U	0.7	U	0.72

SKINNER LANDFILL
Summary of WL Series Analytical Results
Volatiles
Units in mg/Kg, AB in ug/L

WWES Sample Id:		WL16B-DP
Sample Date:		05/14/90
Compound Name	Qual	Conc
Chloromethane	U	1.4
Bromomethane	U	1.4
Vinyl Chloride	U	1.4
Chloroethane	U	1.4
Methylene Chloride	U	0.69
Acetone	U	1.4
Carbon Disulfide	U	0.69
1,1-Dichloroethene	U	0.69
1,1-Dichloroethane	U	0.69
1,2-Dichloroethene	U	0.69
Chloroform	U	0.69
1,2-Dichloroethane	U	0.69
2-Butanone	U	1.4
1,1,1-Trichloroethane	U	0.69
Carbon Tetrachloride	U	0.69
Vinyl Acetate	U	1.4
Bromodichloromethane	U	0.69
1,2-Dichloropropane	U	0.69
cis-1,3-Dichloropropene	U	0.69
Trichloroethene	U	0.69
Dibromochloromethane	U	0.69
1,1,2-Trichloroethane	U	0.69
Benzene	U	0.69
trans-1,3-Dichloropropene	U	0.69
Bromoform	U	0.69
4-Methyl-2-Pentanone	U	1.4
2-Hexanone	U	1.4
Tetrachloroethene	U	0.69
1,1,2,2-Tetrachloroethane	U	0.69
Toluene	J	0.13
Chlorobenzene	U	0.69
Ethylbenzene	U	0.69
Styrene	U	0.69
Xylene (total)	U	0.69

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	WL01A		WL01B		WL01C		WL02A		WL02B	
Sample Date:	04/22/90		04/22/90		04/22/90		05/02/90		05/02/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
bis(2-Chloroethyl)Ether	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2-Chlorophenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
1,3-Dichlorobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
1,4-Dichlorobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzyl Alcohol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
1,2-Dichlorobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2-Methylphenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
bis(2-Chloroisopropyl)Ether	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Methylphenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
N-Nitroso-Di-n-Propylamine	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Hexachloroethane	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Nitrobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Isophorone	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2-Nitrophenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4-Dimethylphenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzoic Acid	U	3.8	U	3.6	U	3.5	U	2	U	1.8
bis(2-Chloroethoxy)Methane	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4-Dichlorophenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
1,2,4-Trichlorobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Naphthalene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Chloroaniline	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Hexachlorobutadiene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Chloro-3-Methylphenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2-Methylnaphthalene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Hexachlorocyclopentadiene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4,6-Trichlorophenol	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4,5-Trichlorophenol	U	3.8	U	3.6	U	3.5	U	2	U	1.8
2-Chloronaphthalene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2-Nitroaniline	U	3.8	U	3.6	U	3.5	U	2	U	1.8
Dimethyl Phthalate	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Acenaphthylene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,6-Dinitrotoluene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
3-Nitroaniline	U	3.8	U	3.6	U	3.5	U	2	U	1.8
Acenaphthene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4-Dinitrophenol	U	3.8	U	3.6	U	3.5	U	2	U	1.8
4-Nitrophenol	U	3.8	U	3.6	U	3.5	U	2	U	1.8
Dibenzofuran	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
2,4-Dinitrotoluene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Diethylphthalate	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Chlorophenyl-phenylether	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Fluorene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Nitroaniline	U	3.8	U	3.6	U	3.5	U	2	U	1.8
4,6-Dinitro-2-Methylphenol	U	3.8	U	3.6	U	3.5	U	2	U	1.8
N-Nitrosodiphenylamine(1)	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
4-Bromophenyl-phenylether	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Hexachlorobenzene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Pentachlorophenol	U	3.8	U	3.6	U	3.5	U	2	U	1.8
Phenanthrene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Anthracene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Di-n-Butylphthalate	J	0.089	U	0.73	U	0.72	U	0.41	U	0.37
Fluoranthene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Pyrene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Butylbenzylphthalate	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
3,3'-Dichlorobenzidine	U	1.5	U	1.4	U	1.4	U	0.82	U	0.73
Benzo(a)Anthracene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Chrysene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
bis(2-Ethylhexyl)Phthalate	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Di-n-Octyl Phthalate	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzo(b)Fluoranthene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzo(k)Fluoranthene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzo(a)Pyrene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Indeno(1,2,3-cd)Pyrene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Dibenzo(a,h)Anthracene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37
Benzo(g,h,i)Perylene	U	0.78	U	0.73	U	0.72	U	0.41	U	0.37

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWH Sample ID	WL02B-RE		WL03A		WL03B		WL03C		WL03D	
Sample Date	05/02/90		04/23/90		04/23/90		04/22/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.37	U	40	U	36	U	0.85	U	0.74
bis(2-Chloroethyl)Ether	U	0.37	U	40	U	36	U	0.85	U	0.74
2-Chlorophenol	U	0.37	U	40	U	36	U	0.85	U	0.74
1,3-Dichlorobenzene	U	0.37	U	40	U	36	U	0.85	U	0.74
1,4-Dichlorobenzene	U	0.37	U	40	U	36	U	0.85	U	0.74
Benzyl Alcohol	U	0.37	U	40	U	36	U	0.85	U	0.74
1,2-Dichlorobenzene	U	0.37	U	40	U	36	U	0.85	U	0.74
2-Methylphenol	U	0.37	U	40	U	36	U	0.85	U	0.74
bis(2-Chloroisopropyl)Ether	U	0.37	U	40	U	36	U	0.85	U	0.74
4-Methylphenol	U	0.37	U	40	U	36	U	0.85	U	0.74
N-Nitroso-Di-n-Propylamine	U	0.37	U	40	U	36	U	0.85	U	0.74
Hexachloroethane	U	0.37	U	40	U	36	U	0.85	U	0.74
Nitrobenzene	U	0.37	U	40	U	36	U	0.85	U	0.74
Isophorone	U	0.37	U	40	U	36	U	0.85	U	0.74
2-Nitrophenol	U	0.37	U	40	U	36	U	0.85	U	0.74
2,4-Dimethylphenol	U	0.37	U	40	U	36	U	0.85	U	0.74
Benzoic Acid	U	1.8	U	200	U	180	U	4.1	U	3.6
bis(2-Chloroethoxy)Methane	U	0.37	U	40	U	36	U	0.85	U	0.74
2,4-Dichlorophenol	U	0.37	U	40	U	36	U	0.85	U	0.74
1,2,4-Trichlorobenzene	U	0.37	U	40	U	36	U	0.85	U	0.74
Naphthalene	U	0.37	U	40	U	36	U	0.85	U	0.74
4-Chloroaniline	U	0.37	U	40	U	36	U	0.85	U	0.74
Hexachlorobutadiene	U	0.37	U	40	U	36	U	0.85	U	0.74
4-Chloro-3-Methylphenol	U	0.37	U	40	U	36	U	0.85	U	0.74
2-Methylnaphthalene	U	0.37	U	40	U	36	U	0.85	U	0.74
Hexachlorocyclopentadiene	U	0.37	U	40	U	36	U	0.85	U	0.74
2,4,6-Trichlorophenol	U	0.37	U	40	U	36	U	0.85	U	0.74
2,4,5-Trichlorophenol	U	1.8	U	200	U	180	U	4.1	U	3.6
2-Chloronaphthalene	U	0.37	U	40	U	36	U	0.85	U	0.74
2-Nitroaniline	U	1.8	U	200	U	180	U	4.1	U	3.6
Dimethyl Phthalate	U	0.37	U	40	U	36	U	0.85	U	0.74
Acenaphthylene	U	0.37	U	40	U	36	U	0.85	U	0.74
2,6-Dinitrotoluene	U	0.37	U	40	U	36	U	0.85	U	0.74
3-Nitroaniline	U	1.8	U	200	U	180	U	4.1	U	3.6
Acenaphthene	U	0.37	U	40	U	36	J	0.22	U	0.74
2,4-Dinitrophenol	U	1.8	U	200	U	180	U	4.1	U	3.6
4-Nitrophenol	U	1.8	U	200	U	180	U	4.1	U	3.6
Dibenzofuran	U	0.37	U	40	U	36	J	0.19	U	0.74
2,4-Dinitrotoluene	U	0.37	U	40	U	36	U	0.85	U	0.74
Diethylphthalate	U	0.37	U	40	U	36	U	0.85	U	0.74
4-Chlorophenyl-phenylether	U	0.37	U	40	U	36	U	0.85	U	0.74
Fluorene	U	0.37	U	40	U	36	J	0.19	U	0.74
4-Nitroaniline	U	1.8	U	200	U	180	U	4.1	U	3.6
4,6-Dinitro-2-Methylphenol	U	1.8	U	200	U	180	U	4.1	U	3.6
N-Nitrosodiphenylamine(1)	U	0.37	U	40	U	36	U	0.85	U	0.74
4-Bromophenyl-phenylether	U	0.37	U	40	U	36	U	0.85	U	0.74
Hexachlorobenzene	U	0.37	U	40	U	36	J	0.26	U	0.74
Pentachlorophenol	U	1.8	U	200	U	180	U	4.1	U	3.6
Phenanthrene	U	0.37	J	4	J	4		1.1	U	0.74
Anthracene	U	0.37	U	40	U	36	J	0.24	U	0.74
Di-n-Butylphthalate	U	0.37	U	40	U	36	J	0.085	U	0.74
Fluoranthene	U	0.37	U	40	U	36		1.2	U	0.74
Pyrene	U	0.37	U	40	U	36		1	U	0.74
Butylbenzylphthalate	U	0.37	U	40	U	36	U	0.85	U	0.74
3,3'-Dichlorobenzidine	U	0.73	U	80	U	73	U	1.7	U	1.5
Benzo(a)Anthracene	U	0.37	U	40	U	36	J	0.43	U	0.74
Chrysene	U	0.37	U	40	U	36	J	0.56	U	0.74
bis(2-Ethylhexyl)Phthalate	J	0.2	J	12	J	6	U	0.96	U	0.74
Di-n-Octyl Phthalate	U	0.37	U	40	U	36	U	0.85	U	0.74
Benzo(b)Fluoranthene	U	0.37	U	40	U	36	J	0.55	U	0.74
Benzo(k)Fluoranthene	U	0.37	U	40	U	36	J	0.29	U	0.74
Benzo(a)Pyrene	U	0.37	U	40	U	36	J	0.38	U	0.74
Indeno(1,2,3-cd)Pyrene	U	0.37	U	40	U	36	J	0.2	U	0.74
Dibenzo(a,h)Anthracene	U	0.37	U	40	U	36	U	0.85	U	0.74
Benzo(g,h,i)Perylene	U	0.37	U	40	U	36	J	0.16	U	0.74

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWIS Sample Id:	WL03E		WL04A-MS		WL04C		WL04B-MS		WL05C	
Sample Date:	04/22/90		05/07/90		05/07/90		05/14/90		05/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
bis(2-Chloroethyl)Ether	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2-Chlorophenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
1,3-Dichlorobenzene	U	0.76	U	0.42	U	0.4		180	U	0.73
1,4-Dichlorobenzene	U	0.76	U	0.42	U	0.4		150	U	0.73
Benzyl Alcohol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
1,2-Dichlorobenzene	U	0.76	U	0.42	U	0.4		87	U	0.73
2-Methylphenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
bis(2-Chloroisopropyl)Ether	U	0.76	U	0.42	U	0.4	U	67	U	0.73
4-Methylphenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
N-Nitroso-Di-n-Propylamine	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Hexachloroethane	U	0.76	U	0.42	U	0.4	J	18	U	0.73
Nitrobenzene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Isophorone	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2-Nitrophenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2,4-Dimethylphenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Benzoic Acid	U	3.7	U	2	U	2	J	20	J	0.27
bis(2-Chloroethoxy)Methane	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2,4-Dichlorophenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
1,2,4-Trichlorobenzene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Naphthalene	U	0.76	U	0.42	U	0.4		420	U	0.73
4-Chloroaniline	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Hexachlorobutadiene	U	0.76	U	0.42	U	0.4		68	U	0.73
4-Chloro-3-Methylphenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2-Methylnaphthalene	U	0.76	U	0.42	U	0.4		220	J	0.081
Hexachlorocyclopentadiene	U	0.76	U	0.42	U	0.4		1100	U	0.73
2,4,6-Trichlorophenol	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2,4,5-Trichlorophenol	U	3.7	U	2	U	2	U	320	U	3.6
2-Chloronaphthalene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2-Nitroaniline	U	3.7	U	2	U	2	U	320	U	3.6
Dimethyl Phthalate	U	0.76	U	0.42	U	0.4		67	U	0.73
Acenaphthylene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2,6-Dinitrotoluene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
3-Nitroaniline	U	3.7	U	2	U	2	U	320	U	3.6
Acenaphthene	U	0.76	U	0.086	U	0.4	U	67	U	0.73
2,4-Dinitrophenol	U	3.7	U	2	U	2	U	320	U	3.6
4-Nitrophenol	U	3.7	U	2	U	2	U	320	U	3.6
Dibenzofuran	U	0.76	U	0.42	U	0.4	U	67	U	0.73
2,4-Dinitrotoluene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Diethylphthalate	U	0.76	U	0.42	U	0.4	U	67	U	0.73
4-Chlorophenyl-phenylether	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Fluorene	U	0.76	J	0.072	U	0.4	J	14	U	0.73
4-Nitroaniline	U	3.7	U	2	U	2	U	320	U	3.6
4,6-Dinitro-2-Methylphenol	U	3.7	U	2	U	2	U	320	U	3.6
N-Nitrosodiphenylamine(1)	U	0.76	U	0.42	U	0.4	U	67	U	0.73
4-Bromophenyl-phenylether	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Hexachlorobenzene	U	0.76	U	0.42	U	0.4		440	U	0.73
Pentachlorophenol	U	3.7	U	2	U	2	U	320	U	3.6
Phenanthrene	U	0.76		0.78	U	0.4		70	U	0.73
Anthracene	U	0.76	J	0.19	U	0.4	U	67	U	0.73
Di-n-Butylphthalate	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Fluoranthene	U	0.76		1.1	U	0.4	J	19	U	0.73
Pyrene	U	0.76		0.97	U	0.4	J	14	U	0.73
Butylbenzylphthalate	U	0.76	J	0.075	U	0.4	U	67	U	0.73
3,3'-Dichlorobenzidine	U	1.5	U	0.84	U	0.81	U	130	U	1.5
Benzo(a)Anthracene	U	0.76		0.54	U	0.4	J	8.3	U	0.73
Chrysene	U	0.76		0.65	U	0.4	J	9.3	U	0.73
bis(2-Ethylhexyl)Phthalate	U	0.76	J	0.18	U	0.4	J	32	U	0.73
Di-n-Octyl Phthalate	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Benzo(b)Fluoranthene	U	0.76		0.78	U	0.4	U	67	U	0.73
Benzo(k)Fluoranthene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Benzo(a)Pyrene	U	0.76		0.46	U	0.4	U	67	U	0.72
Indeno(1,2,3-cd)Pyrene	U	0.76	J	0.29	U	0.4	U	67	U	0.73
Dibenzo(a,h)Anthracene	U	0.76	U	0.42	U	0.4	U	67	U	0.73
Benzo(g,h,i)Perylene	U	0.76	J	0.31	U	0.4	U	67	U	0.73

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWB Sample ID:	WL06B		WL06B-DUP		WL06B-DUP-R		WL06B-RE		WL06C	
Sample Date:	04/10/90		04/10/90		04/10/90		04/10/90		04/09/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	J	1.3	DJ	1.4	DJ	1.1		0.48	U	0.39
bis(2-Chloroethyl)Ether	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2-Chlorophenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
1,3-Dichlorobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
1,4-Dichlorobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Benzyl Alcohol	J	0.94	DJ	1.6	D	1.8		1	U	0.39
1,2-Dichlorobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2-Methylphenol	U	1.6	U	3.3	U	1.6	U	0.41		0.53
bis(2-Chloroisopropyl)Ether	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
4-Methylphenol	U	1.6	U	3.3	U	1.6	U	0.41		0.57
N-Nitroso-Di-n-Propylamine	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Hexachloroethane	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Nitrobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Isophorone	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2-Nitrophenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,4-Dimethylphenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Benzoic Acid	E	32	D	22	D	24	E	14	U	1.9
bis(2-Chloroethoxy)Methane	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,4-Dichlorophenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
1,2,4-Trichlorobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Naphthalene	J	0.58	DJ	0.94	DJ	0.92		0.71	J	0.084
4-Chloroaniline	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Hexachlorobutadiene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
4-Chloro-3-Methylphenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2-Methylnaphthalene		2.6	DJ	2.5	D	2.6		2.2	U	0.39
Hexachlorocyclopentadiene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,4,6-Trichlorophenol	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,4,5-Trichlorophenol	U	7.9	U	16	U	7.9	U	2	U	1.9
2-Chloronaphthalene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2-Nitroaniline	U	7.9	U	16	U	7.9	U	2	U	1.9
Dimethyl Phthalate	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Acenaphthylene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,6-Dinitrotoluene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
3-Nitroaniline	U	7.9	U	16	U	7.9	U	2	U	1.9
Acenaphthene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
2,4-Dinitrophenol	U	7.9	U	16	U	7.9	U	2	U	1.9
4-Nitrophenol	U	7.9	U	16	U	7.9	U	2	U	1.9
Dibenzofuran	J	0.31	U	3.3	U	1.6	J	0.079	U	0.39
2,4-Dinitrotoluene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Diethylphthalate	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
4-Chlorophenyl-phenylether	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Fluorene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
4-Nitroaniline	U	7.9	U	16	U	7.9	U	2	U	1.9
4,6-Dinitro-2-Methylphenol	U	7.9	U	16	U	7.9	U	2	U	1.9
N-Nitrosodiphenylamine(1)	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
4-Bromophenyl-phenylether	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Hexachlorobenzene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Pentachlorophenol	U	7.9	U	16	U	7.9	U	2	U	1.9
Phenanthrene	U	1.6	U	3.3	DJ	0.16	J	0.12	U	0.39
Anthracene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Di-n-Butylphthalate		3.9	D	5.5	D	5.5		4.1	J	0.052
Fluoranthene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Pyrene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Butylbenzylphthalate		12	D	25	D	24	E	14	J	0.28
3,3'-Dichlorobenzidine	U	3.3	U	6.5	U	3.3	U	0.82	U	0.78
Benzo(a)Anthracene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Chrysene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
bis(2-Ethylhexyl)Phthalate		3.4	D	5.8	D	5.3		3.2	U	0.39
Di-n-Octyl Phthalate		6.3	D	9.7	D	10	E	9.2	U	0.39
Benzo(b)Fluoranthene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Benzo(k)Fluoranthene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Benzo(a)Pyrene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Indeno(1,2,3-cd)Pyrene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Dibenzo(a,h)Anthracene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39
Benzo(g,h,i)Perylene	U	1.6	U	3.3	U	1.6	U	0.41	U	0.39

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWW Sample ID:	WL06C-FB		WL06C-FBR		WL06C-RB		WL07A		WL07B	
Sample Date:	04/10/90		04/10/90		04/09/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.41	U	0.41	U	0.39	J	5.8	J	18
bis(2-Chloroethyl)Ether	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2-Chlorophenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
1,3-Dichlorobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
1,4-Dichlorobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Benzyl Alcohol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
1,2-Dichlorobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2-Methylphenol	U	0.41	U	0.41	J	0.17	J	7.8	U	20
bis(2-Chloroisopropyl)Ether	U	0.41	U	0.41	U	0.39	U	8.2	U	20
4-Methylphenol	U	0.41	U	0.41	U	0.39		9.6	U	20
N-Nitroso-Di-n-Propylamine	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Hexachloroethane	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Nitrobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Isophorone	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2-Nitrophenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2,4-Dimethylphenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Benzoic Acid	U	2	U	2	U	1.9	J	1.6	U	100
bis(2-Chloroethoxy)Methane	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2,4-Dichlorophenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
1,2,4-Trichlorobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Naphthalene	U	0.41	U	0.41	J	0.099		31		63
4-Chloroaniline	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Hexachlorobutadiene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
4-Chloro-3-Methylphenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2-Methylnaphthalene	U	0.41	U	0.41	J	0.05		19		31
Hexachlorocyclopentadiene	U	0.41	U	0.41	U	0.39	U	8.2		
2,4,6-Trichlorophenol	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2,4,5-Trichlorophenol	U	2	U	2	U	1.9	U	40	U	100
2-Chloronaphthalene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
2-Nitroaniline	U	2	U	2	U	1.9	U	40	U	100
Dimethyl Phthalate	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Acenaphthylene	U	0.41	U	0.41	U	0.39	J	5.2	J	7
2,6-Dinitrotoluene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
3-Nitroaniline	U	2	U	2	U	1.9	U	40	U	100
Acenaphthene	U	0.41	U	0.41	U	0.39	J	3.4	J	6
2,4-Dinitrophenol	U	2	U	2	U	1.9	U	40	U	100
4-Nitrophenol	U	2	U	2	U	1.9	U	40	U	100
Dibenzofuran	U	0.41	U	0.41	U	0.39	J	4	J	7
2,4-Dinitrotoluene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Diethylphthalate	J	0.13	J	0.085	U	0.39	U	8.2	U	20
4-Chlorophenyl-phenylether	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Fluorene	U	0.41	U	0.41	U	0.39	J	7.1	J	14
4-Nitroaniline	U	2	U	2	U	1.9	U	40	U	100
4,6-Dinitro-2-Methylphenol	U	2	U	2	U	1.9	U	40	U	100
N-Nitrosodiphenylamine(1)	U	0.41	U	0.41	U	0.39	U	8.2	U	20
4-Bromophenyl-phenylether	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Hexachlorobenzene	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Pentachlorophenol	U	2	U	2	U	1.9	U	40	U	100
Phenanthrene	U	0.41	U	0.41	U	0.39		25		45
Anthracene	U	0.41	U	0.41	U	0.39	J	7.3	J	10
Di-n-Butylphthalate	U	0.41	U	0.41	U	0.39	J	0.98	U	20
Fluoranthene	U	0.41	U	0.41	U	0.39		9.8	J	19
Pyrene	U	0.41	U	0.41	U	0.39		11	J	17
Butylbenzylphthalate	U	0.41	U	0.41	U	0.39	J	1.6	U	20
3,3'-Dichlorobenzidine	U	0.83	U	0.83	U	0.78	U	16	U	40
Benzo(a)Anthracene	U	0.41	U	0.41	U	0.39	J	3.3	J	6
Chrysene	U	0.41	U	0.41	U	0.39	J	4	J	7
bis(2-Ethylhexyl)Phthalate	U	0.41	U	0.41	U	0.39		23		57
Di-n-Octyl Phthalate	U	0.41	U	0.41	U	0.39	U	8.2	U	20
Benzo(b)Fluoranthene	U	0.41	U	0.41	U	0.39	J	2	U	20
Benzo(k)Fluoranthene	U	0.41	U	0.41	U	0.39	J	3.2	U	20
Benzo(a)Pyrene	U	0.41	U	0.41	U	0.39	J	2.8	U	20
Indeno(1,2,3-cd)Pyrene	U	0.41	U	0.41	U	0.39	J	1.4	U	20
Dibenzo(a,h)Anthracene	U	0.41	U	0.41	U	0.39	J	0.77	U	20
Benzo(g,h,i)Perylene	U	0.41	U	0.41	U	0.39	J	1.4	U	20

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWII Sample ID		WL07C		WL07D		WL07B		WL08A-PB		WL08A-MS	
Sample Date		04/17/00		04/17/00		04/17/00		05/02/00		05/02/00	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol		26	J	7.5	J	1.3	U	20	U	24
bis(2-Chloroethyl)Ether	U	8.9	U	7.8	U	4.7	U	20	U	24
2-Chlorophenol	U	8.9	U	7.8	U	4.7	U	20	U	24
1,3-Dichlorobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
1,4-Dichlorobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
Benzyl Alcohol	U	8.9	U	7.8	U	4.7	U	20	U	24
1,2-Dichlorobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
2-Methylphenol	J	5.6	J	4.9	J	1.2	U	20	U	24
bis(2-Chloroisopropyl)Ether	U	8.9	U	7.8	U	4.7	U	20	U	24
4-Methylphenol	J	5.6	J	4.6	J	0.86	U	20	U	24
N-Nitroso-Di-n-Propylamine	U	8.9	U	7.8	U	4.7	U	20	U	24
Hexachloroethane	U	8.9	U	7.8	U	4.7	U	20	U	24
Nitrobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
Isophorone	U	8.9	U	7.8	U	4.7	U	20	U	24
2-Nitrophenol	U	8.9	U	7.8	U	4.7	U	20	U	24
2,4-Dimethylphenol	U	8.9	U	7.8	U	4.7	U	20	U	24
Benzoic Acid	U	43	U	38	U	23	U	96	U	120
bis(2-Chloroethoxy)Methane	U	8.9	U	7.8	U	4.7	U	20	U	24
2,4-Dichlorophenol	U	8.9	U	7.8	U	4.7	U	20	U	24
1,2,4-Trichlorobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
Naphthalene		24		13	J	1.7	U	20	U	24
4-Chloroaniline	U	8.9	U	7.8	U	4.7	U	20	U	24
Hexachlorobutadiene	U	8.9	U	7.8	U	4.7	U	20	U	24
4-Chloro-3-Methylphenol	U	8.9	U	7.8	U	4.7	U	20	U	24
2-Methylnaphthalene		15		8.4	J	0.97	U	20	U	24
Hexachlorocyclopentadiene	U	8.9	U	7.8	U	4.7	U	20	U	24
2,4,6-Trichlorophenol	U	8.9	U	7.8	U	4.7	U	20	U	24
2,4,5-Trichlorophenol	U	43	U	38	U	23	U	96	U	120
2-Chloronaphthalene	U	8.9	U	7.8	U	4.7	U	20	U	24
2-Nitroaniline	U	43	U	38	U	23	U	96	U	120
Dimethyl Phthalate	U	8.9	U	7.8	U	4.7	U	20	U	24
Acenaphthylene	J	3.6	J	1.6	U	4.7	U	20	U	24
2,6-Dinitrotoluene	U	8.9	U	7.8	U	4.7	U	20	U	24
3-Nitroaniline	U	43	U	38	U	23	U	96	U	120
Acenaphthene	J	1.6	J	0.88	U	4.7	U	20	U	24
2,4-Dinitrophenol	U	43	U	38	U	23	U	96	U	120
4-Nitrophenol	U	43	U	38	U	23	U	96	U	120
Dibenzofuran	U	8.9	J	0.93	U	4.7	U	20	U	24
2,4-Dinitrotoluene	U	8.9	U	7.8	U	4.7	U	20	U	24
Diethylphthalate	U	8.9	U	7.8	U	4.7	U	20	U	24
4-Chlorophenyl-phenylether	U	8.9	U	7.8	U	4.7	U	20	U	24
Fluorene	J	4	J	2.4	U	4.7	U	20	U	24
4-Nitroaniline	U	43	U	38	U	23	U	96	U	120
4,6-Dinitro-2-Methylphenol	U	43	U	38	U	23	U	96	U	120
N-Nitrosodiphenylamine(1)	U	8.9	U	7.8	U	4.7	U	20	U	24
4-Bromophenyl-phenylether	U	8.9	U	7.8	U	4.7	U	20	U	24
Hexachlorobenzene	U	8.9	U	7.8	U	4.7	U	20	U	24
Pentachlorophenol	U	43	U	38	U	23	U	96	U	120
Phenanthrene		15		8.8	J	0.82	U	20	U	24
Anthracene	J	4.1	J	2.3	U	4.7	U	20	U	24
Di-n-Butylphthalate	U	8.9	U	7.8	U	4.7	U	20	U	24
Fluoranthene	J	4.7	J	3.2	U	4.7	U	20	U	24
Pyrene	J	6.6	J	4.6	U	4.7	U	20	U	24
Butylbenzylphthalate	J	0.91	U	7.8	U	4.7	U	20	U	24
3,3'-Dichlorobenzidine	U	18	U	16	U	9.4	U	40	U	49
Benzo(a)Anthracene	J	1.4	J	1.1	U	4.7		20	U	24
Chrysene	J	2.1	J	1.2	U	4.7		20	U	24
bis(2-Ethylhexyl)Phthalate		17		8.4	J	1.5		20	U	24
Di-n-Octyl Phthalate	U	8.9	U	7.8	U	4.7		20	U	24
Benzo(b)Fluoranthene	J	0.99	J	0.64	U	4.7		20	U	24
Benzo(k)Fluoranthene	J	1.4	J	0.66	U	4.7		20	U	24
Benzo(a)Pyrene	J	1.5	J	0.92	U	4.7		20	U	24
Indeno(1,2,3-cd)Pyrene	U	8.9	U	7.8	U	4.7	U	20	U	24
Dibenzo(a,h)Anthracene	U	8.9	U	7.8	U	4.7	U	20	U	24
Benzo(g,h,i)Perylene	U	8.9	U	7.8	U	4.7	U	20	U	24

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample ID:	WL08B		WL08B-DP		WL09A		WL09A-DL		WL09A-PB	
Sample Date:	05/02/90		05/02/90		05/14/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	22	U	27	U	0.7	U	35	U	0.66
bis(2-Chloroethyl)Ether	U	22	U	27		0.8	U	35	U	0.66
2-Chlorophenol	U	22	U	27	U	0.7	U	35	U	0.66
1,3-Dichlorobenzene	U	22	U	27		0.98	U	35	U	0.66
1,4-Dichlorobenzene	U	22	U	27		0.87	U	35	U	0.66
Benzyl Alcohol	U	22	U	27		9.2	DJ	6.9	U	0.66
1,2-Dichlorobenzene	U	22	U	27	J	0.43	U	35	U	0.66
2-Methylphenol	U	22	U	27	U	0.7	U	35	U	0.66
bis(2-Chloroisopropyl)Ether	U	22	U	27	U	0.7	U	35	U	0.66
4-Methylphenol	U	22	U	27	U	0.7	U	35	U	0.66
N-Nitroso-Di-n-Propylamine	U	22	U	27	U	0.7	U	35	U	0.66
Hexachloroethane	U	22	U	27	U	0.7	U	35	U	0.66
Nitrobenzene	U	22	U	27	U	0.7	U	35	U	0.66
Isophorone	U	22	U	27	U	0.7	U	35	U	0.66
2-Nitrophenol	U	22	U	27	U	0.7	U	35	U	0.66
2,4-Dimethylphenol	U	22	U	27	U	0.7	U	35	U	0.66
Benzoic Acid	U	110	U	130	E	510	D	440	J	0.19
bis(2-Chloroethoxy)Methane	U	22	U	27	U	0.7	U	35	U	0.66
2,4-Dichlorophenol	U	22	U	27	U	0.7	U	35	U	0.66
1,2,4-Trichlorobenzene	U	22	U	27	U	0.7	U	35	U	0.66
Naphthalene	U	22	U	27		2.7	U	35	U	0.66
4-Chloroaniline	U	22	U	27	U	0.7	U	35	U	0.66
Hexachlorobutadiene	U	22	U	27	J	0.24	U	35	U	0.66
4-Chloro-3-Methylphenol	U	22	U	27	U	0.7	U	35	U	0.66
2-Methylnaphthalene	U	22	U	27		1	U	35	U	0.66
Hexachlorocyclopentadiene	U	22	U	27		1.7	U	35	U	0.66
2,4,6-Trichlorophenol	U	22	U	27	U	0.7	U	35	U	0.66
2,4,5-Trichlorophenol	U	110	U	130	U	3.4	U	170	U	3.2
2-Chloronaphthalene	U	22	U	27	U	0.7	U	35	U	0.66
2-Nitroaniline	U	110	U	130	U	3.4	U	170	U	3.2
Dimethyl Phthalate	U	22	U	27	U	0.7	U	35	U	0.66
Acenaphthylene	U	22	U	27	U	0.7	U	35	U	0.66
2,6-Dinitrotoluene	U	22	U	27	U	0.7	U	35	U	0.66
3-Nitroaniline	U	110	U	130	U	3.4	U	170	U	3.2
Acenaphthene	U	22	U	27	U	0.7	U	35	U	0.66
2,4-Dinitrophenol	U	110	U	130	U	3.4	U	170	U	3.2
4-Nitrophenol	U	110	U	130	U	3.4	U	170	U	3.2
Dibenzofuran	U	22	U	27	U	0.7	U	35	U	0.66
2,4-Dinitrotoluene	U	22	U	27	U	0.7	U	35	U	0.66
Diethylphthalate	U	22	U	27	U	0.7	U	35	U	0.66
4-Chlorophenyl-phenylether	U	22	U	27	U	0.7	U	35	U	0.66
Fluorene	U	22	U	27	U	0.7	U	35	U	0.66
4-Nitroaniline	U	110	U	130	U	3.4	U	170	U	3.2
4,6-Dinitro-2-Methylphenol	U	110	U	130	U	3.4	U	170	U	3.2
N-Nitrosodiphenylamine(1)	U	22	U	27	U	0.7	U	35	U	0.66
4-Bromophenyl-phenylether	U	22	U	27	U	0.7	U	35	U	0.66
Hexachlorobenzene	U	22	U	27		1.2	U	35	U	0.66
Pentachlorophenol	U	110	U	130	U	3.4	U	170	U	3.2
Phenanthrene	U	22	U	27	J	0.25	U	35	U	0.66
Anthracene	U	22	U	27	U	0.7	U	35	U	0.66
Di-n-Butylphthalate	U	22	U	27	U	0.7	U	35	U	0.66
Fluoranthene	U	22	U	27	U	0.7	U	35	U	0.66
Pyrene	U	22	U	27	U	0.7	U	35	U	0.66
Butylbenzylphthalate	U	22	U	27	U	0.7	U	35	U	0.66
3,3'-Dichlorobenzidine	U	44	U	54	U	1.4	U	70	U	1.3
Benzo(a)Anthracene	U	22	U	27	U	0.7	U	35	U	0.66
Chrysene	U	22	U	27	U	0.7	U	35	U	0.66
bis(2-Ethylhexyl)Phthalate	U	22	U	27	U	0.7	U	35	U	0.66
Di-n-Octyl Phthalate	U	22	U	27	U	0.7	U	35	U	0.66
Benzo(b)Fluoranthene	U	22	U	27	U	0.7	U	35	U	0.66
Benzo(k)Fluoranthene	U	22	U	27	U	0.7	U	35	U	0.66
Benzo(a)Pyrene	U	22	U	27	U	0.7	U	35	U	0.66
Indeno(1,2,3-cd)Pyrene	U	22	U	27	U	0.7	U	35	U	0.66
Dibenzo(a,h)Anthracene	U	22	U	27	U	0.7	U	35	U	0.66
Benzo(g,h,i)Perylene	U	22	U	27	U	0.7	U	35	U	0.66

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWEB Sample ID:	WL008		WL008-DL		WL104-MS		WL104-MSD		WL108	
Sample Date:	05/17/00		05/14/00		04/17/00		04/17/00		04/17/00	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.85	U	42		12	DJ	18	U	7.8
bis(2-Chloroethyl)Ether	J	0.7	U	42	J	3	R	85	J	0.79
2-Chlorophenol	U	0.85	U	42	R	8.5	R	85	U	7.8
1,3-Dichlorobenzene		3.3	U	42		27	DJ	43	U	7.8
1,4-Dichlorobenzene		2.7	U	42		33	DJ	35	U	7.8
Benzyl Alcohol	U	0.85	U	42	J	5.3	R	85	U	7.8
1,2-Dichlorobenzene		1.8	U	42		13	DJ	16	U	7.8
2-Methylphenol	U	0.85	U	42	J	1.6	R	85	U	7.8
bis(2-Chloroisopropyl)Ether	U	0.85	U	42	R	8.5	R	85	U	7.8
4-Methylphenol	U	0.85	U	42		18	DJ	26	U	7.8
N-Nitroso-Di-n-Propylamine	U	0.85	U	42	R	8.5	R	95	U	7.8
Hexachloroethane	U	0.85	U	42	J	0.69	R	85	U	7.8
Nitrobenzene	J	0.34	U	42	R	8.5	R	85	U	7.8
Isophorone	U	0.85	U	42	R	8.5	R	85	U	7.8
2-Nitrophenol	U	0.85	U	42	R	8.5	R	85	U	7.8
2,4-Dimethylphenol	U	0.85	U	42	J	1.8	R	85	U	7.8
Benzoic Acid	E	540	D	260	E	290	DJ	290	J	19
bis(2-Chloroethoxy)Methane	U	0.85	U	42	R	8.5	R	85	U	7.8
2,4-Dichlorophenol	U	0.85	U	42	R	8.5	R	85	U	7.8
1,2,4-Trichlorobenzene	J	0.3	U	42	J	1.5	R	85	U	7.8
Naphthalene		7.3	U	42		91	D	140	J	2.9
4-Chloroaniline	U	0.85	U	42	R	8.5	R	85	U	7.8
Hexachlorobutadiene		7.1	U	13	J	6.6	DJ	7.3	U	7.8
4-Chloro-3-Methylphenol	U	0.85	U	42	R	8.5	R	85	U	7.8
2-Methylnaphthalene		8.6	U	8.9		60	D	11	J	2.6
Hexachlorocyclopentadiene	U	0.85	U	42	J	5.5	R	85	U	7.8
2,4,6-Trichlorophenol	U	0.85	U	42	R	8.5	R	85	U	7.8
2,4,5-Trichlorophenol	U	4.1	U	210	R	41	R	410	U	38
2-Chloronaphthalene	U	0.85	U	42	R	8.5	R	85	U	7.8
2-Nitroaniline	U	4.1	U	210	R	41	R	410	U	38
Dimethyl Phthalate	U	0.85	U	42	R	8.5	R	85	U	7.8
Acenaphthylene	U	0.85	U	42	R	8.5	R	85	U	7.8
2,6-Dinitrotoluene	U	0.85	U	42	R	8.5	R	85	U	7.8
3-Nitroaniline	U	4.1	U	210	R	41	R	410	U	38
Acenaphthene	U	0.85	U	42	R	8.5	R	85	U	7.8
2,4-Dinitrophenol	U	4.1	U	210	R	41	R	410	U	38
4-Nitrophenol	J	1.5	U	210	R	41	R	410	U	38
Dibenzofuran	U	0.85	U	42	R	8.5	R	85	U	7.8
2,4-Dinitrotoluene	U	0.85	U	42	R	8.5	R	85	U	7.8
Diethylphthalate	U	0.85	U	42	R	8.5	R	85	U	7.8
4-Chlorophenyl-phenylether	U	0.85	U	42	R	8.5	R	85	U	7.8
Fluorene	J	0.18	U	42	J	5.8	R	85	U	7.8
4-Nitroaniline	U	4.1	U	210	R	41	R	410	U	38
4,6-Dinitro-2-Methylphenol	U	4.1	U	210	R	41	R	410	U	38
N-Nitrosodiphenylamine(1)	U	0.85	U	42	R	8.5	R	85	U	7.8
4-Bromophenyl-phenylether	U	0.85	U	42	R	8.5	R	85	U	7.8
Hexachlorobenzene		5.5	U	42		83	DJ	79	J	1.4
Pentachlorophenol	U	4.1	U	210	R	41	R	410	U	38
Phenanthrene	J	0.61	U	42		34	DJ	46	J	1.1
Anthracene	U	0.85	U	42	R	8.5	R	85	U	7.8
Di-n-Butylphthalate	U	0.85	U	42		9	DJ	15	U	7.8
Fluoranthene	J	0.16	U	42	J	7.5	DJ	6.3	U	7.8
Pyrene	J	0.13	U	42	J	3.7	DJ	4.9	U	7.8
Butylbenzylphthalate	U	0.85	U	42		11	DJ	21	U	7.8
3,3'-Dichlorobenzidine	U	1.7	U	85	R	17	R	170	U	16
Benzo(a)Anthracene	U	0.85	U	42	J	1.3	R	85	U	7.8
Chrysene	U	0.85	U	42	J	1.8	R	85	U	7.8
bis(2-Ethylhexyl)Phthalate	U	0.85	U	42		69	D	150	J	1.3
Di-n-Octyl Phthalate	U	0.85	U	42	J	3.9	R	85	U	7.8
Benzo(b)Fluoranthene	U	0.85	U	42	J	1.5	R	85	U	7.8
Benzo(k)Fluoranthene	U	0.85	U	42	J	1.5	R	85	U	7.8
Benzo(a)Pyrene	U	0.85	U	42	J	1	R	85	U	7.8
Indeno(1,2,3-cd)Pyrene	U	0.85	U	42	R	8.5	R	85	U	7.8
Dibenzo(a,h)Anthracene	U	0.85	U	42	R	8.5	R	85	U	7.8
Benzo(g,h,i)Perylene	U	0.85	U	42	R	8.5	R	85	U	7.8

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWHS Sample Id:	WL10B-DP		WL11A-MS		WL11B		WL11C		WL12A	
Sample Date:	04/17/90		04/22/90		04/22/90		04/22/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	10	U	1	U	24	U	0.78	U	0.41
bis(2-Chloroethyl)Ether	J	1.3	U	1	U	24	U	0.78	U	0.41
2-Chlorophenol	U	10	U	1	U	24	U	0.78	U	0.41
1,3-Dichlorobenzene	U	10	U	1	U	24	U	0.78	U	0.41
1,4-Dichlorobenzene	U	10	U	1	U	24	U	0.78	U	0.41
Benzyl Alcohol	U	10	U	1	U	24	U	0.78	U	0.41
1,2-Dichlorobenzene	U	10	U	1	U	24	U	0.78	U	0.41
2-Methylphenol	U	10	U	1	U	24	U	0.78	U	0.41
bis(2-Chloroisopropyl)Ether	U	10	U	1	U	24	U	0.78	U	0.41
4-Methylphenol	U	10	U	1	U	24	U	0.78	U	0.41
N-Nitroso-Di-n-Propylamine	U	10	U	1	U	24	U	0.78	U	0.41
Hexachloroethane	U	10	U	1	U	24	U	0.78	U	0.41
Nitrobenzene	U	10	U	1	U	24	U	0.78	U	0.41
Isophorone	U	10	U	1	U	24	U	0.78	U	0.41
2-Nitrophenol	U	10	U	1	U	24	U	0.78	U	0.41
2,4-Dimethylphenol	U	10	U	1	U	24	U	0.78	U	0.41
Benzoic Acid		53	U	5.1	U	120	U	3.8	U	2
bis(2-Chloroethoxy)Methane	U	10	U	1	U	24	U	0.78	U	0.41
2,4-Dichlorophenol	U	10	U	1	U	24	U	0.78	U	0.41
1,2,4-Trichlorobenzene	U	10	U	1	U	24	U	0.78	U	0.41
Naphthalene	J	2.1	J	0.55		210	U	0.78	J	0.18
4-Chloroaniline	U	10	U	1	U	24	U	0.78	U	0.41
Hexachlorobutadiene	U	10	U	1	U	24	U	0.78	U	0.41
4-Chloro-3-Methylphenol	U	10	U	1	U	24	U	0.78	U	0.41
2-Methylnaphthalene	J	0.93	J	0.28		130	U	0.78	J	0.052
Hexachlorocyclopentadiene	U	10	U	1	U	24	U	0.78	U	0.41
2,4,6-Trichlorophenol	U	10	U	1	U	24	U	0.78	U	0.41
2,4,5-Trichlorophenol	U	50	U	5.1	U	120	U	3.8	U	2
2-Chloronaphthalene	U	10	U	1	U	24	U	0.78	U	0.41
2-Nitroaniline	U	50	U	5.1	U	120	U	3.8	U	2
Dimethyl Phthalate	U	10	U	1	U	24	U	0.78	U	0.41
Acenaphthylene	U	10	J	1		41	U	0.78	U	0.41
2,6-Dinitrotoluene	U	10	U	1	U	24	U	0.78	U	0.41
3-Nitroaniline	U	50	U	5.1	U	120	U	3.8	U	2
Acenaphthene	U	10	J	0.15	J	7.9	U	0.78	J	0.079
2,4-Dinitrophenol	U	50	U	5.1	U	120	U	3.8	U	2
4-Nitrophenol	U	50	U	5.1	U	120	U	3.8	U	2
Dibenzofuran	U	10	U	1	J	7	U	0.78	J	0.082
2,4-Dinitrotoluene	U	10	U	1	U	24	U	0.78	U	0.41
Diethylphthalate	U	10	U	1	U	24	U	0.78	U	0.41
4-Chlorophenyl-phenylether	U	10	U	1	U	24	U	0.78	U	0.41
Fluorene	U	10	J	0.15		34	U	0.78	J	0.067
4-Nitroaniline	U	50	U	5.1	U	120	U	3.8	U	2
4,6-Dinitro-2-Methylphenol	U	50	U	5.1	U	120	U	3.8	U	2
N-Nitrosodiphenylamine(1)	U	10	U	1	U	24	U	0.78	U	0.41
4-Bromophenyl-phenylether	U	10	U	1	U	24	U	0.78	U	0.41
Hexachlorobenzene	U	10	U	1	U	24	U	0.78	U	0.41
Pentachlorophenol	U	50	U	5.1	U	120	U	3.8	U	2
Phenanthrene	U	10		1.3		110	U	0.78	J	0.31
Anthracene	U	10	J	0.21		24	U	0.78	U	0.41
Di-n-Butylphthalate	U	10	J	0.13	U	24	U	0.78	U	0.41
Fluoranthene	U	10		1.9		31	U	0.78	U	0.18
Pyrene	U	10		1.5		48	U	0.78	J	0.12
Butylbenzylphthalate	U	10	U	1	U	24	U	0.78	U	0.41
3,3'-Dichlorobenzidine	U	20	U	2.1	U	47	U	1.5	U	0.82
Benzo(a)Anthracene	U	10	J	0.83	J	15	U	0.78	U	0.41
Chrysene	U	10		1.1	J	17	U	0.78	U	0.052
bis(2-Ethylhexyl)Phthalate	U	10	U	1	U	24	U	0.78	U	0.41
Di-n-Octyl Phthalate	U	10	U	1	U	24	U	0.78	U	0.41
Benzo(b)Fluoranthene	U	10		1.1	J	7	U	0.78	U	0.41
Benzo(k)Fluoranthene	U	10	J	0.6	J	5	U	0.78	U	0.41
Benzo(a)Pyrene	U	10	J	0.77	J	10	U	0.78	U	0.41
Indeno(1,2,3-cd)Pyrene	U	10	J	0.46	J	3.4	U	0.78	U	0.41
Dibenzo(a,h)Anthracene	U	10	U	1	U	24	U	0.78	U	0.41
Benzo(g,h,i)Perylene	U	10	J	0.34	J	4.1	U	0.78	U	0.41

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWRI Sample ID:	WL12A-98		WL12C		WL13A		WL13B		WL14A	
Sample Date:	05/07/99		05/07/99		05/17/99		05/17/99		05/07/99	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
bis(2-Chloroethyl)Ether	U	0.33	U	0.35	U	0.72	U	0.78	J	9.8
2-Chlorophenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
1,3-Dichlorobenzene	U	0.33	U	0.35	U	0.72	U	0.78		230
1,4-Dichlorobenzene	U	0.33	U	0.35	U	0.72	U	0.78		180
Benzyl Alcohol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
1,2-Dichlorobenzene	U	0.33	U	0.35	U	0.72	U	0.78		94
2-Methylphenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
bis(2-Chloroisopropyl)Ether	U	0.33	U	0.35	U	0.72	U	0.78	U	71
4-Methylphenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
N-Nitroso-Di-n-Propylamine	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Hexachloroethane	U	0.33	U	0.35	U	0.72	U	0.78	J	19
Nitrobenzene	U	0.33	U	0.35	U	0.72	U	0.78	J	23
Isophorone	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2-Nitrophenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,4-Dimethylphenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Benzoic Acid	U	1.6	U	1.7	U	3.5	U	3.8	J	70
bis(2-Chloroethoxy)Methane	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,4-Dichlorophenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
1,2,4-Trichlorobenzene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Naphthalene	J	0.084	U	0.35	U	0.72	U	0.78		590
4-Chloroaniline	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Hexachlorobutadiene	U	0.33	U	0.35	U	0.72	U	0.78	J	67
4-Chloro-3-Methylphenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2-Methylnaphthalene	U	0.33	U	0.35	U	0.72	U	0.78		220
Hexachlorocyclopentadiene	J	0.14	U	0.35	U	0.72	U	0.78		1000
2,4,6-Trichlorophenol	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,4,5-Trichlorophenol	U	1.6	U	1.7	U	3.5	U	3.8	U	340
2-Chloronaphthalene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2-Nitroaniline	U	1.6	U	1.7	U	3.5	U	3.8	U	340
Dimethyl Phthalate	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Acenaphthylene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,6-Dinitrotoluene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
3-Nitroaniline	U	1.6	U	1.7	U	3.5	U	3.8	U	340
Acenaphthene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,4-Dinitrophenol	U	1.6	U	1.7	U	3.5	U	3.8	U	340
4-Nitrophenol	U	1.6	U	1.7	U	3.5	U	3.8	U	340
Dibenzofuran	U	0.33	U	0.35	U	0.72	U	0.78	U	71
2,4-Dinitrotoluene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Diethylphthalate	J	0.17	U	0.35	U	0.72	U	0.78	U	71
4-Chlorophenyl-phenylether	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Fluorene	U	0.33	U	0.35	U	0.72	U	0.78	J	13
4-Nitroaniline	U	1.6	U	1.7	U	3.5	U	3.8	U	340
4,6-Dinitro-2-Methylphenol	U	1.6	U	1.7	U	3.5	U	3.8	U	340
N-Nitrosodiphenylamine(1)	U	0.33	U	0.35	U	0.72	U	0.78	U	71
4-Bromophenyl-phenylether	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Hexachlorobenzene	J	0.073	U	0.35	U	0.72	U	0.78		470
Pentachlorophenol	U	1.6	U	1.7	U	3.5	U	3.8	U	340
Phenanthrene	U	0.33	U	0.35	U	0.72	U	0.78		81
Anthracene	U	0.33	U	0.35	U	0.72	U	0.78		84
Di-n-Butylphthalate	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Fluoranthene	U	0.33	U	0.35	U	0.72	U	0.78	J	21
Pyrene	U	0.33	U	0.35	U	0.72	U	0.78	J	15
Butylbenzylphthalate	U	0.33	U	0.35	U	0.72	U	0.78	U	71
3,3'-Dichlorobenzidine	U	0.66	U	0.69	U	1.4	U	1.6	U	140
Benzo(a)Anthracene	U	0.33	U	0.335	U	0.72	U	0.78	U	71
Chrysene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
bis(2-Ethylhexyl)Phthalate	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Di-n-Octyl Phthalate	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Benzo(b)Fluoranthene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Benzo(k)Fluoranthene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Benzo(a)Pyrene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Indeno(1,2,3-cd)Pyrene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Dibenzo(a,h)Anthracene	U	0.33	U	0.35	U	0.72	U	0.78	U	71
Benzo(g,h,i)Perylene	U	0.33	U	0.35	U	0.72	U	0.78	U	71

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample Id:	WL14B		WL15A		WL15A-DP		WL15B		WL16A	
Sample Date:	05/07/90		05/17/90		05/17/90		05/17/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Phenol	U	89		1.1		1.7	U	22	U	0.37
bis(2-Chloroethyl)Ether	J	21	U	0.81	U	0.85	U	22	U	0.37
2-Chlorophenol	U	89	U	0.81	U	0.85	U	22	U	0.37
1,3-Dichlorobenzene		210	J	0.24	J	0.34	U	22	J	0.043
1,4-Dichlorobenzene		170	J	0.13	J	0.21	U	22	U	0.37
Benzyl Alcohol	U	89	U	0.81	U	0.85	U	22	U	0.37
1,2-Dichlorobenzene		92	U	0.81	U	0.85	U	22	U	0.37
2-Methylphenol	U	89	J	0.37	J	0.38	U	22	U	0.37
bis(2-Chloroisopropyl)Ether	U	89	U	0.81	U	0.85	U	22	U	0.37
4-Methylphenol	U	89		2.8		3.1	U	22	U	0.37
N-Nitroso-Di-n-Propylamine	U	89	U	0.81	U	0.85	U	22	U	0.37
Hexachloroethane	J	19	U	0.81	U	0.85	U	22	U	0.37
Nitrobenzene	U	89	U	0.81	U	0.85	U	22	U	0.37
Isophorone	U	89	U	0.81	U	0.85	U	22	U	0.37
2-Nitrophenol	U	89	U	0.81	U	0.85	U	22	U	0.37
2,4-Dimethylphenol	U	89	J	0.19	J	0.19	U	22	U	0.37
Benzoic Acid		1100	U	4	U	4.1	U	110	U	0.59
bis(2-Chloroethoxy)Methane	U	89	U	0.81	U	0.85	U	22	U	0.37
2,4-Dichlorophenol	U	89	U	0.81	U	0.85	U	22	U	0.37
1,2,4-Trichlorobenzene	U	89	U	0.81	U	0.85	U	22	U	0.37
Naphthalene		610	J	0.48		1.4	J	14	J	0.13
4-Chloroaniline	U	89	U	0.81	U	0.85	U	22	U	0.37
Hexachlorobutadiene	J	67	U	0.81	U	0.85		49	U	0.37
4-Chloro-3-Methylphenol	U	89	U	0.81	U	0.85	U	22	U	0.37
2-Methylnaphthalene		220	J	0.57		1.4		28	J	0.057
Hexachlorocyclopentadiene		810	U	0.81	U	0.85	U	22	J	0.27
2,4,6-Trichlorophenol	U	89	U	0.81	U	0.85	U	22	U	0.37
2,4,5-Trichlorophenol	U	430	U	4	U	4.1	U	110	U	1.8
2-Chloronaphthalene	U	89	U	0.81	U	0.85	U	22	U	0.37
2-Nitroaniline	U	430	U	4	U	4.1	U	110	U	1.8
Dimethyl Phthalate	U	89	U	0.81	U	0.85	U	22	U	0.37
Acenaphthylene	U	89	U	0.81	U	0.85	U	22	U	0.37
2,6-Dinitrotoluene	U	89	U	0.81	U	0.85	U	22	U	0.37
3-Nitroaniline	U	430	U	4	U	4.1	U	110	U	1.8
Acenaphthene	U	89	J	0.1	J	0.15	U	22	U	0.37
2,4-Dinitrophenol	U	430	U	4	U	4.1	U	110	U	1.8
4-Nitrophenol	U	430	U	4	U	4.1	U	110	U	1.8
Dibenzofuran	U	89	U	0.81	U	0.85	U	22	U	0.37
2,4-Dinitrotoluene	U	89	U	0.81	U	0.85	U	22	U	0.37
Diethylphthalate	U	89	U	0.81	U	0.85	U	22	U	0.37
4-Chlorophenyl-phenylether	U	89	U	0.81	U	0.85	U	22	U	0.37
Fluorene	J	13	U	0.81	U	0.85	U	22	U	0.37
4-Nitroaniline	U	430	U	4	U	4.1	U	110	U	1.8
4,6-Dinitro-2-Methylphenol	U	430	U	4	U	4.1	U	110	U	1.8
N-Nitrosodiphenylamine(1)	U	89	U	0.81	U	0.85	U	22	U	0.37
4-Bromophenyl-phenylether	U	89	U	0.81	U	0.85	U	22	U	0.37
Hexachlorobenzene		480	U	0.81	U	0.85	J	21		0.43
Pentachlorophenol	U	430	U	4	U	4.1	U	110	U	1.8
Phenanthrene	J	80	J	0.11	J	0.16	U	22	J	0.058
Anthracene	U	89	U	0.81	U	0.85	U	22	U	0.37
Di-n-Butylphthalate	U	89	U	0.81	J	0.27	U	22	U	0.37
Fluoranthene	J	19	U	0.81	J	0.091	U	22	U	0.37
Pyrene	J	15	U	0.81	J	0.12	U	22	U	0.37
Butylbenzylphthalate	U	89	U	0.81	J	0.091	U	22	U	0.37
3,3'-Dichlorobenzidine	U	180	U	1.6	U	1.7	U	45	U	0.74
Benzo(a)Anthracene	U	89	U	0.81	U	0.85	U	22	U	0.37
Chrysene	U	89	U	0.81	U	0.85	U	22	U	0.37
bis(2-Ethylhexyl)Phthalate	U	89		1.1		4.2	U	22	U	0.37
Di-n-Octyl Phthalate	U	89	U	0.81	U	0.85	U	22	U	0.37
Benzo(b)Fluoranthene	U	89	U	0.81	U	0.85	U	22	U	0.37
Benzo(k)Fluoranthene	U	89	U	0.81	U	0.85	U	22	U	0.37
Benzo(a)Pyrene	U	89	U	0.81	U	0.85	U	22	U	0.37
Indeno(1,2,3-cd)Pyrene	U	89	U	0.81	U	0.85	U	22	U	0.37
Dibenzo(a,h)Anthracene	U	89	U	0.81	U	0.85	U	22	U	0.37
Benzo(g,h,i)Perylene	U	89	U	0.81	U	0.85	U	22	U	0.37

SKINNER LANDFILL
Summary of WL Series Analytical Results
Semi-volatiles
Units in mg/Kg

WWES Sample ID:	WL16B		WL16B-DP	
Sample Date:	05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc
Phenol	U	0.39	U	0.36
bis(2-Chloroethyl)Ether	U	0.39	U	0.36
2-Chlorophenol	U	0.39	U	0.36
1,3-Dichlorobenzene	U	0.39	U	0.36
1,4-Dichlorobenzene	U	0.39	U	0.36
Benzyl Alcohol	U	0.39	U	0.36
1,2-Dichlorobenzene	U	0.39	U	0.36
2-Methylphenol	U	0.39	U	0.36
bis(2-Chloroisopropyl)Ether	U	0.39	U	0.36
4-Methylphenol	U	0.39	U	0.36
N-Nitroso-Di-n-Propylamine	U	0.39	U	0.36
Hexachloroethane	U	0.39	U	0.36
Nitrobenzene	U	0.39	U	0.36
Isophorone	U	0.39	U	0.36
2-Nitrophenol	U	0.39	U	0.36
2,4-Dimethylphenol	U	0.39	U	0.36
Benzoic Acid	U	0.5	J	1.7
bis(2-Chloroethoxy)Methane	U	0.39	U	0.36
2,4-Dichlorophenol	U	0.39	U	0.36
1,2,4-Trichlorobenzene	U	0.39	U	0.36
Naphthalene	U	0.39	J	0.17
4-Chloroaniline	U	0.39	U	0.36
Hexachlorobutadiene	U	0.39	U	0.36
4-Chloro-3-Methylphenol	U	0.39	U	0.36
2-Methylnaphthalene	U	0.39	J	0.12
Hexachlorocyclopentadiene	U	0.39		0.44
2,4,6-Trichlorophenol	U	0.39	U	0.36
2,4,5-Trichlorophenol	U	1.9	U	1.8
2-Chloronaphthalene	U	0.39	U	0.36
2-Nitroaniline	U	1.9	U	1.8
Dimethyl Phthalate	U	0.39	U	0.36
Acenaphthylene	U	0.39	U	0.36
2,6-Dinitrotoluene	U	0.39	U	0.36
3-Nitroaniline	U	1.9	U	1.8
Acenaphthene	U	0.39	U	0.36
2,4-Dinitrophenol	U	1.9	U	1.7
4-Nitrophenol	U	1.9	U	1.8
Dibenzofuran	U	0.39	U	0.36
2,4-Dinitrotoluene	U	0.39	U	0.36
Diethylphthalate	U	0.39	U	0.36
4-Chlorophenyl-phenylether	U	0.39	U	0.36
Fluorene	U	0.39	U	0.36
4-Nitroaniline	U	1.9	U	1.8
4,6-Dinitro-2-Methylphenol	U	1.9	U	1.8
N-Nitrosodiphenylamine(1)	U	0.39	U	0.36
4-Bromophenyl-phenylether	U	0.39	U	0.36
Hexachlorobenzene	J	0.14		0.81
Pentachlorophenol	U	1.9	U	1.8
Phenanthrene	U	0.39	J	0.085
Anthracene	U	0.39	U	0.36
Di-n-Butylphthalate	U	0.39	U	0.36
Fluoranthene	U	0.39	U	0.36
Pyrene	U	0.39	U	0.36
Butylbenzylphthalate	U	0.39	U	0.36
3,3'-Dichlorobenzidine	U	0.79	U	0.73
Benzo(a)Anthracene	U	0.39	U	0.36
Chrysene	U	0.39	U	0.36
bis(2-Ethylhexyl)Phthalate	U	0.39	U	0.36
Di-n-Octyl Phthalate	U	0.39	U	0.36
Benzo(b)Fluoranthene	U	0.39	U	0.36
Benzo(k)Fluoranthene	U	0.39	U	0.36
Benzo(a)Pyrene	U	0.39	U	0.36
Indeno(1,2,3-cd)Pyrene	U	0.39	U	0.36
Dibenzo(a,h)Anthracene	U	0.39	U	0.36
Benzo(g,h,i)Perylene	U	0.39	U	0.36

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL01A		WL01B		WL01C		WL02A		WL02B		WL03A		WL03B	
Sample Date:	04/22/90		04/22/90		04/22/90		05/02/90		05/02/90		04/23/90		04/23/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
beta-BHC	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
delta-BHC	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
gamma-BHC (Lindane)	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
Heptachlor	U	0.019	J	0.0082	U	0.017	U	0.049	U	0.044	U	40	U	36
Aldrin	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
Heptachlor epoxide	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
Endosulfan I	U	0.019	U	0.018	U	0.017	U	0.049	U	0.044	U	40	U	36
Dieldrin	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
4,4'-DDE	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
Endrin	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
Endosulfan II	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	R	40	R	36
4,4'-DDD	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
Endosulfan sulfate	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
4,4'-DDT	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
Methoxychlor	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	40	U	36
Endrin ketone	U	0.037	U	0.035	U	0.035	U	0.099	U	0.089	U	40	U	36
alpha-Chlordane	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	40	U	36
gamma-Chlordane	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	40	U	36
Toxaphene	U	0.37	U	0.35	U	0.35	U	0.99	U	0.89	U	47	U	42
Aroclor-1016	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	9.4	U	8.4
Aroclor-1221	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	9.4	U	8.4
Aroclor-1232	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	9.4	U	8.4
Aroclor-1242	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	9.4	U	8.4
Aroclor-1248	U	0.19	U	0.18	U	0.17	U	0.49	U	0.44	U	9.4	U	8.4
Aroclor-1254	U	0.37	U	0.35	U	0.35	U	0.99	U	0.89	U	9.4	U	8.4
Aroclor-1260	U	0.37	U	0.35	U	0.35	U	0.99	U	0.89	U	9.4	U	8.4

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL03C		WL03D		WL03E		WL04A-MS		WL04C		WL05B-MS		WL05B-MS-DL	
Sample Date:	04/22/90		04/22/90		04/22/90		05/07/90		05/07/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	U	11	U	110
beta-BHC	U	0.14	U	0.018	U	0.018	J	0.0077	U	0.0098	U	11	U	110
delta-BHC	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	U	11	U	110
gamma-BHC (Lindane)	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	U	11	U	110
Heptachlor	U	0.14	J	0.016	U	0.018	U	0.01	U	0.0098	YC	52	CDJ	49
Aldrin	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	JC	9.9	DJYC	11
Heptachlor epoxide	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	U	11	U	110
Endosulfan I	U	0.14	U	0.018	U	0.018	U	0.01	U	0.0098	U	11	U	110
Dieldrin	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
4,4'-DDE	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22.2	U	222
Endrin	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
Endosulfan II	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
4,4'-DDD	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
Endosulfan sulfate	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
4,4'-DDT	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	U	22	U	220
Methoxychlor	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Endrin ketone	U	0.29	U	0.036	U	0.037	U	0.02	U	0.02	YC	84	CDJ	79
alpha-Chlordane	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
gamma-Chlordane	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	JC	41	DJYC	44
Toxaphene	U	2.9	U	0.36	U	0.37	U	0.2	U	0.2	U	220	U	2200
Aroclor-1016	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Aroclor-1221	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Aroclor-1232	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Aroclor-1242	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Aroclor-1248	U	1.4	U	0.18	U	0.18	U	0.1	U	0.098	U	110	U	1100
Aroclor-1254	U	2.9	U	0.36	U	0.37	U	0.2	U	0.2	U	220	U	2200
Aroclor-1260	U	2.9	U	0.36	U	0.37	U	0.2	U	0.2	U	220	U	2200

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL05C		WL06B		WL06C		WL06C-FB		WL07A		WL07B		WL07C	
Sample Date:	05/17/90		04/10/90		04/09/90		04/10/90		04/17/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
beta-BHC	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
delta-BHC	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
gamma-BHC (Lindane)	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
Heptachlor		0.019	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
Aldrin	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
Heptachlor epoxide	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
Endosulfan I	U	0.018	U	0.0097	U	0.0093	U	0.0099	U	0.039	U	20	U	0.037
Dieldrin	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
4,4'-DDE	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
Endrin	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
Endosulfan II	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
4,4'-DDD	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
Endosulfan sulfate	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
4,4'-DDT	U	0.036	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
Methoxychlor	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	20	U	0.37
Endrin ketone		0.045	U	0.019	U	0.019	U	0.02	U	0.079	U	20	U	0.075
alpha-Chlordane	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	20	U	0.37
gamma-Chlordane	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	20	U	0.37
Toxaphene	U	0.36	U	0.19	U	0.19	U	0.2	U	0.79	U	5	U	0.75
Aroclor-1016	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	1	U	0.37
Aroclor-1221	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	1	U	0.37
Aroclor-1232	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	1	U	0.37
Aroclor-1242	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	1	U	0.37
Aroclor-1248	U	0.18	U	0.097	U	0.093	U	0.099	U	0.39	U	1	U	0.37
Aroclor-1254	U	0.36	U	0.19	U	0.19	U	0.2	U	0.79	U	1	U	0.75
Aroclor-1260	U	0.36	U	0.19	U	0.19	U	0.2	U	0.79	U	1	U	0.75

SKINNER LANDFILL
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Pesticides
Units in mg/Kg

WWES Sample Id:	WL07D		WL07E		WL08A-FB		WL08A-MS		WL08B		WL08B-DP		WL09A	
Sample Date:	04/17/90		04/17/90		05/02/90		05/02/90		05/02/90		05/02/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
beta-BHC	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
delta-BHC	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
gamma-BHC (Lindane)	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
Heptachlor	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	C	0.29
Aldrin	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
Heptachlor epoxide	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
Endosulfan I	U	0.043	U	0.034	U	0.6	U	0.74	U	0.66	U	0.82	U	0.14
Dieldrin	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
4,4'-DDE	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
Endrin	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
Endosulfan II	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
4,4'-DDD	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
Endosulfan sulfate	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
4,4'-DDT	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	U	0.27
Methoxychlor	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Endrin ketone	U	0.086	U	0.068	U	1.2	U	1.5	U	1.3	U	1.6	C	0.61
alpha-Chlordane	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
gamma-Chlordane	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Toxaphene	U	0.86	U	0.68	U	12	U	15	U	13	U	16	U	2.7
Aroclor-1016	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Aroclor-1221	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Aroclor-1232	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Aroclor-1242	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Aroclor-1248	U	0.43	U	0.34	U	6	U	7.4	U	6.6	U	8.2	U	1.4
Aroclor-1254	U	0.86	U	0.68	U	12	U	15	U	13	U	16	U	2.7
Aroclor-1260	U	0.86	U	0.68	U	12	U	15	U	13	U	16	U	2.7

SKINNER LANDFILL
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Pesticides
Units in mg/Kg

WWES Sample Id:	WL09A-FB		WL09B		WL10A-MS		WL10A-MS-D1		WL10B		WL10B-DP		WL11A-MS	
Sample Date:	05/14/90		05/17/90		04/17/90		04/17/90		04/17/90		04/17/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
beta-BHC	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
delta-BHC	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
gamma-BHC (Lindane)	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
Heptachlor	U	0.016	C	2.8		6.6		0.55		0.23	J	0.012	U	0.025
Aldrin	U	0.016	J	0.64	R	2.5	R	2.5	U	0.05	U	0.05	U	0.025
Heptachlor epoxide	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
Endosulfan I	U	0.016	U	1.2	R	0.51	R	0.51	U	0.05	U	0.05	U	0.025
Dieldrin	U	0.032	U	2.5	R	1	R	1	U	0.1	U	0.1	U	0.05
4,4'-DDE	U	0.032	U	2.5	R	1	R	1	U	0.1	U	0.1	U	0.05
Endrin	U	0.032	U	2.5	R	1	R	11	U	0.1	U	0.1	U	0.05
Endosulfan II	U	0.032	U	2.5	R	8.7	R	1	U	0.1	U	0.1	U	0.05
4,4'-DDD	U	0.032	U	2.5	R	1	R	1	U	0.1	U	0.1	U	0.05
Endosulfan sulfate	U	0.032	U	2.5	R	1	R	1	U	0.1	U	0.1	U	0.05
4,4'-DDT	U	0.032	U	2.5	R	1	R	1	U	0.1	U	0.1	U	0.05
Methoxychlor	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Endrin ketone	U	0.032	J	1.4	R	1	R	19	U	0.1	U	0.1	U	0.05
alpha-Chlordane	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
gamma-Chlordane	U	0.16	J	1.8	R	9	R	9	U	0.5	U	0.5	U	0.25
Toxaphene	U	0.32	U	25	R	10	R	10	U	1	U	1	U	0.5
Aroclor-1016	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Aroclor-1221	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Aroclor-1232	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Aroclor-1242	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Aroclor-1248	U	0.16	U	12	R	5.1	R	5.1	U	0.5	U	0.5	U	0.25
Aroclor-1254	U	0.32	U	25	R	10	R	10	U	1	U	1	U	0.5
Aroclor-1260	U	0.32	U	25	R	10	R	10	U	1	U	1	U	0.5

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL11B		WL11C		WL12A		WL12A-FB		WL12C		WL13A		WL13B	
Sample Date:	04/22/90		04/22/90		05/07/90		05/07/90		05/07/90		05/17/90		05/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
beta-BHC	U	0.15	U	0.019	J	0.0096	U	0.032	U	0.0084	U	0.017	U	0.019
delta-BHC	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
gamma-BHC (Lindane)	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
Heptachlor	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
Aldrin	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
Heptachlor epoxide	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
Endosulfan I	U	0.15	U	0.019	U	0.01	U	0.032	U	0.0084	U	0.017	U	0.019
Dieldrin	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
4,4'-DDE	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
Endrin	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
Endosulfan II	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
4,4'-DDD	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
Endosulfan sulfate	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
4,4'-DDT	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
Methoxychlor	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Endrin ketone	U	0.3	U	0.037	U	0.02	U	0.064	U	0.017	U	0.035	U	0.038
alpha-Chlordane	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
gamma-Chlordane	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Toxaphene	U	3	U	0.37	U	0.1	U	0.64	U	0.17	U	0.35	U	0.38
Aroclor-1016	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Aroclor-1221	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Aroclor-1232	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Aroclor-1242	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Aroclor-1248	U	1.5	U	0.19	U	0.1	U	0.32	U	0.084	U	0.17	U	0.19
Aroclor-1254	U	3	U	0.37	U	0.2	U	0.64	U	0.17	U	0.35	U	0.38
Aroclor-1260	U	3	U	0.37	U	0.2	U	0.64	U	0.17	U	0.35	U	0.38

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL14A		WL14B		WL15A		WL15A-DP		WL15B-DL		WL15B		WL16A	
Sample Date:	05/07/90		05/07/90		05/17/90		05/17/90		05/14/90		05/17/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
alpha-BHC	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
beta-BHC	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
delta-BHC	U	0.14	U	330	U	0.019	U	0.021	U	14	U	1.4	U	0.18
gamma-BHC (Lindane)	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
Heptachlor	U	0.14	U	330	U	0.02	U	0.021	CDJ	9.5	YC	9.9	U	0.18
Aldrin	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
Heptachlor epoxide	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
Endosulfan I	U	0.14	U	330	U	0.02	U	0.021	U	14	U	1.4	U	0.18
Dieldrin	U	0.28	U	660	U	0.04	U	0.041	DJYC	1.9	JC	1.7	U	0.36
4,4'-DDE	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
Endrin	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
Endosulfan II	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
4,4'-DDD	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
Endosulfan sulfate	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
4,4'-DDT	U	0.28	U	660	U	0.04	U	0.041	U	29	U	2.9	U	0.36
Methoxychlor	U	1.4	U	3300	U	0.2	U	0.21	U	140	U	14	U	1.8
Endrin ketone	U	0.28	U	660	U	0.04	U	0.041	DJYC	7.3	C	7.1	U	0.36
alpha-Chlordane	U	1.4	U	3300	U	0.2	U	0.21	U	140	JC	8.7	U	1.8
gamma-Chlordane	U	1.4	U	3300	U	0.2	U	0.21	DJYC	10	JC	10	U	1.8
Toxaphene	U	2.8	U	6600	U	0.4	U	0.41	U	290	U	29	U	3.6
Aroclor-1016	U	1.4	U	3300	U	0.2	U	0.21	U	140	U	14	U	1.8
Aroclor-1221	U	1.4	U	3300	U	0.2	U	0.21	U	140	U	14	U	1.8
Aroclor-1232	U	1.4	U	3300	U	0.2	U	0.21	U	140	U	14	U	1.8
Aroclor-1242	U	1.4	U	3300	U	0.2	U	0.21	U	140	U	14	U	1.8
Aroclor-1248	U	1.4	U	3300		0.55		0.78	U	140	U	14	U	1.8
Aroclor-1254	U	2.8	U	6600	U	0.4	U	0.41	U	290	U	29	U	3.6
Aroclor-1260	U	2.8	U	6600		0.46		1.2	U	290	U	29	U	3.6

SKINNER LANDFILL
Summary of WL Series Analytical Results
Pesticides
Units in mg/Kg

WWES Sample Id:	WL16B		WL16B-DP	
Sample Date:	05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc
alpha-BHC	U	0.095	U	1.3
beta-BHC	U	0.095	U	1.3
delta-BHC	U	0.095	U	1.3
gamma-BHC (Lindane)	U	0.095	U	1.3
Heptachlor	U	0.095	U	1.3
Aldrin	U	0.095	U	1.3
Heptachlor epoxide	U	0.095	U	1.3
Endosulfan I	U	0.095	U	1.3
Dieldrin	U	0.19	U	2.6
4,4'-DDE	U	0.19	U	2.6
Endrin	U	0.19	U	2.6
Endosulfan II	U	0.19	U	2.6
4,4'-DDD	U	0.19	U	2.6
Endosulfan sulfate	U	0.19	U	2.6
4,4'-DDT	U	0.19	U	2.6
Methoxychlor	U	0.95	U	13
Endrin ketone	U	0.19	U	2.6
alpha-Chlordane	U	0.95	U	13
gamma-Chlordane	U	0.95	U	13
Toxaphene	U	1.9	U	26
Aroclor-1016	U	0.95	U	13
Aroclor-1221	U	0.95	U	13
Aroclor-1232	U	0.95	U	13
Aroclor-1242	U	0.95	U	13
Aroclor-1248	U	0.95	U	13
Aroclor-1254	U	1.9	U	26
Aroclor-1260	U	1.9	U	26

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:		WL01A		WL01B		WL01C		WL02A		WL02B		WL03A		WL03B
Sample Date:		04/23/90		04/23/90		04/23/90		05/02/90		05/02/90		06/08/90		06/08/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	10000	P	6590	P	7100	P	13300	P	8400	*P	6120	*P	26400
Antimony	NP	12.9	NP	20.8	NP	21.2	BNP	5.7	BNP	11.7	UH	6.5	UH	6.5
Arsenic	BF	3.2	F	2.5	F	2.8	N*SF	9.8	N*SF	10	*H	100	B*H	8.5
Barium	BEP	38.1	BEP	36.4	EP	56.5	P	81.6	BP	33.8	BP	32.6	P	341
Beryllium	P	1.1	BP	0.77	BP	0.68	UP	0.68	BP	0.71	UP	0.8	UP	0.8
Cadmium	UP	0.64	UP	0.66	UP	0.62	UP	0.45	BP	0.48	UP	3.5	UP	3.5
Calcium	P	107000	P	156000	P	164000	P	1470	P	120000	*P	65400	*P	50000
Chromium	*P	13.5	*P	9.6	*P	9.8	P	15	P	16.2	UNP	29	UNP	29
Cobalt	BP	10	BP	6.5	BP	6.7	P	12.5	BP	7.9	UP	85	UP	85
Copper	P	12.2	P	9.8	P	10.1	P	12	P	18.1	BP	18.7	BP	79.2
Iron	EP	18600	EP	13700	EP	14000	P	17700	P	15500	*P	6450	*P	37100
Lead	F	5.1	F	4.8	F	8.1	F	18.2	F	11.4	P	222	P	308
Magnesium	*P	11700	*P	27100	*P	29700	P	1940	P	18000	*P	7270	*P	9740
Manganese	EP	665	EP	576	EP	901	P	498	P	677	*P	168	*P	740
Mercury	CV	0.22	UCV	0.08	UCV	0.08	UCV	0.11	UCV	0.12	UCV	0.3	UCV	0.3
Nickel	P	19.3	P	10.3	P	16.9	P	14.1	P	16.4	UP	40	UP	40
Potassium	P	2240	P	1620	P	1790	BEP	1040	EP	2030				
Selenium	UWNF	0.41	UWNF	0.4	UWNF	4.1	UNWF	0.91	UNWF	9.5	BH	9.3	UH	8
Silver	UP	1.3	UP	1.3	UP	1.2	UNP	0.68	UNP	7.1	UNRP	1.8	UNRP	1.8
Sodium	BP	267	BP	241	BP	253	BP	205	BP	275	BNP.	567	NP	6080
Thallium	UNF	0.41	UWNF	0.4	UWNF	0.41	UF	0.23	UF	0.24	UNP	79	UNP	79
Vanadium	P	18.4	P	15.5	P	17	P	27.5	P	20.2	BNP	10.5	BNP	44.3
Zinc	E*P	58.4	E*P	32.7	E*P	36.3	P	46.1	P	33.3	*P	336	*P	382
Cyanide	UC	0.56	UC	0.56	UC	0.58	UNC	1.1	UNC	1.2	UAS	1.5	UAS	1.5

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:		WL03C		WL03D		WL03E		WL04A-MS		WL04C		WL05B		WL05C
Sample Date:		04/23/90		04/23/90		04/23/90		05/07/90		05/07/90		05/16/90		05/16/90
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	24100	P	8100	P	9490	P	13800	P	15900	P	3000	P	9730
Antimony	UNP	5.2	NP	17.7	NP	13.4	UNP	4.9	UNP	4.9	P	19.2	P	18.9
Arsenic	BF	11.8	BF	3.3	F	2.5	F	10.2	F	13.3	BF	2	F	3.2
Barium	EP	92	BEP	32.9	EP	41.8	P	83.6	P	69.6	BP	12.7	BP	34.7
Beryllium	P	2.7	BP	0.71	P	1.1	BP	0.69	BP	0.86	UP	0.42	P	1.2
Cadmium	UP	0.68	UP	0.63	UP	0.6	P	1.5	P	1.5	BP	0.7	UP	0.66
Calcium	P	5250	P	153000	P	152000	*P	25900	*P	153000	P	210000	P	150000
Chromium	*P	26.9	*P	11.1	*P	12.6	*P	14.8	*P	21.7	P	4.5	P	12.8
Cobalt	P	13.2	BP	7.4	BP	7.3	BP	9.4	BP	9.2	BP	2.8	BP	7.2
Copper	P	26.2	P	12.7	P	10.1	ENP	89.1	ENP	40.1	N*P	18.7	N*P	10.6
Iron	EP	41000	EP	15000	EP	16900	*P	22400	*P	28000	EP	7850	EP	17200
Lead	F	25.1	F	6.7	F	6.6	*F	53.3	*F	60.5	SN*F	8.3	N*F	7.3
Magnesium	*P	3710	*P	17300	*P	18000	*P	13800	*P	6280	P	26700	P	25700
Manganese	EP	1630	EP	653	EP	645	*P	529	*P	982	EP	600	EP	639
Mercury	UCV	0.15	CV	0.26	UCV	0.08	CV	0.21	CV	0.19	N*CV	0.48	UN*CV	0.08
Nickel	P	32.1	P	13.5	P	16.1	*P	15.2	*P	18.7	BP	7.7	P	14.5
Potassium	P	1880	P	2100	P	2510	P	1230	P	5110	BP	776	P	2800
Selenium	UWNF	0.46	UWNF	0.43	UWNF	0.41	UF	0.54	UWF	0.47	UENF	4.2	UWNF	4.3
Silver	BP	1.5	UP	1.3	UP	1.2	UNP	0.71	UNP	0.71	UP	1.3	UP	1.3
Sodium	BP	596	BP	269	BP	296	BP	250	BP	748	BP	238	BP	233
Thallium	UWNF	0.46	UNF	0.43	UNF	0.41	BWF	0.57	UF	0.47	UWNF	0.42	UWNF	0.43
Vanadium	P	40	P	17.8	P	18.6	P	30.6	P	33.3	BP	9.8	P	18.7
Zinc	E*P	91.5	E*P	47.6	E*P	40.2	N*P	80.8	N*P	119	P	20.4	P	34.9
Cyanide	UC	0.71	UC	0.58	UC	0.64	UAS	2.5	UAS	4.4	UC	1.6	UC	1.6

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	WL06B		WL06C		WL06C-FB		WL07A		WL07B		WL07C		WL07D	
Sample Date:	04/08/90		04/08/90		04/08/90		04/17/90		06/05/90		04/17/90		04/17/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	13700	P	14800	P	99.2	P	16100	*P	8460	P	10900	P	10500
Antimony	UP	6.2	UP	6.2	UP	5.6	UNP	5.4	UH	6.5	UNP	4.8	UNP	4.7
Arsenic	F	5.5	F	4.4	UF	0.4	F	5.1	*H	27.4	F	3.9	F	3.5
Barium	P	61.6	P	64.9	UP	3.4	EP	971	BP	47.3	EP	70.5	EP	104
Beryllium	BP	0.58	BP	0.47	UP	0.4	BP	0.88	UP	0.8	BP	0.84	BP	0.83
Cadmium	UP	0.67	UP	0.67	BP	0.86	*P	30.1	UP	3.5	*P	2.7	*P	7.2
Calcium	P	135000	P	153000	BP	128	P	9050	*P	21700	P	104000	P	127000
Chromium	P	16.1	P	15.2	BP	1.9	*P	248	UNP	29	*P	41.9	*P	117
Cobalt	BP	8.9	BP	8.8	UP	1.2	BP	12.6	UP	85	BP	10.1	BP	9.7
Copper	P	13.7	P	13	BP	0.67	P	82.9	BP	32.4	P	25.2	P	38.3
Iron	P	16300	P	16600	P	116	EP	32200	*P	13700	EP	21900	EP	21600
Lead	SF	11.1	F	12.1	BF	0.47	F	1890	BP	51.8	F	501	F	613
Magnesium	P	24600	P	21200	UP	86	*P	3700	*P	3560	*P	19000	*P	8120
Manganese	P	593	P	679	BP	0.67	*P	512	*P	437	*P	682	*P	736
Mercury	UCV	0.11	UCV	0.11	UCV	0.1	*CV	0.17	UCV	0.3	U*CV	0.1	U*CV	0.1
Nickel	P	15.5	P	13.8	UP	3	P	32.8	UP	40	P	20.4	P	18.8
Potassium	P	4460	P	5210	U*P	368	BP	1080			P	1580	P	1640
Selenium	UWF	2.2	UF	0.22	UF	0.2	BF	1.1	UH	8	UWF	0.48	UWF	0.47
Silver	UP	0.44	UP	0.45	UP	0.4	BP	0.89	UNRP	1.8	UP	0.48	UP	0.47
Sodium	BP	360	BP	337	UP	72	BP	307	UNP	414	BP	331	BP	337
Thallium	UWF	0.67	UWF	0.67	UF	0.6	BF	0.7	UNP	79	BF	0.41	BF	0.43
Vanadium	P	26.4	P	28.9	UP	1	P	28.7	BNP	15.3	P	16.7	P	15.5
Zinc	P	43	P	43	BP	0.77	EP	166	*P	247	EP	57.9	EP	63.6
Cyanide	UAS	1.1	UAS	1.1	UAS	1	C	14.7	UAS	1.5	UC	1.2	UC	1.2

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	WL07B		WL08A-FB		WL08A-MS		WL08B		WL08B-DP		WL09A		WL09A-FB	
Sample Date:	04/17/90		05/01/90		05/01/90		05/01/90		05/01/90		05/16/90		05/16/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	3240	BP	34.9	P	19500	P	28200	P	5490	P	6010	BP	35.1
Antimony	UNP	4.5	BNP	3.9	UNP	4.1	BNP	8.3	BNP	11.8	P	18.7	UP	4.5
Arsenic	F	3.8	UN*RF	0.82	N*+F	16.1	N*+F	26.6	N*SF	9.1	F	4.7	UF	0.39
Barium	BEP	17.6	UP	1.8	P	84.8	P	195	BP	23.1	BP	30.8	UP	0.39
Beryllium	BP	0.58	UP	0.61	BP	0.97	P	1.7	UP	0.68	BP	0.72	UP	0.39
Cadmium	U*P	0.45	UP	0.41	UP	0.48	BP	1.1	BP	0.68	UP	0.65	UP	0.59
Calcium	P	163000	BP	51.2	P	2470	P	30300	P	161800	P	194000	BP	311
Chromium	*P	8.5	UP	0.82	P	21.3	P	46.4	P	14.9	P	7.4	UP	1.2
Cobalt	BP	3.5	UP	0.82	P	12.8	P	16.3	BP	6.3	BP	4.1	UP	1.8
Copper	P	9.1	BP	0.61	P	20.4	P	60.5	P	17.4	N*P	10.4	UN*P	0.78
Iron	EP	8980	P	112	P	30600	P	45300	P	14900	EP	14000	EP	69.6
Lead	F	17.6	F	1.8	SF	37.2	F	88.4	F	11.6	N*F	10.5	N*F	1.3
Magnesium	*P	33200	BP	15.5	P	3020	P	6050	P	19200	P	28300	BP	55.1
Manganese	*P	530	UP	0.61	P	638	P	2430	P	547	EP	903	BEP	2.1
Mercury	U*CV	0.11	UCV	0.1	UCV	0.12	UCV	0.14	UCV	0.11	UN*CV	0.07	UN*CV	0.07
Nickel	BP	7	UP	0.82	P	22.1	P	53	P	13.6	P	12.3	UP	3.1
Potassium	BP	197	BEP	36.7	EP	1280	EP	2880	EP	1470	P	1360	UP	87.3
Selenium	UF	0.45	UNWF	0.82	UNWF	0.97	UNWF	1.1	UNWF	9.1	UWNF	4.3	UNF	0.39
Silver	UP	0.45	UNP	0.61	UNP	0.73	UNP	0.83	UNP	0.68	UP	1.3	UP	1.2
Sodium	BP	255	BP	37.8	BP	154	BP	260	BP	214	BP	191	UP	4.7
Thallium	UF	0.23	UF	0.2	UF	0.24	UF	0.28	UWF	0.23	UWNF	0.43	UNF	0.39
Vanadium	BP	8.2	UP	0.82	P	39	P	54.1	P	14.9	P	14.4	UP	0.78
Zinc	EP	28.5	BP	1	P	61.8	P	166	P	32.8	P	37.9	BP	1.5
Cyanide	UC	1.1	UNC	1	UNC	1.2	UNC	1.4	UNC	1.1	UC	1.8	UC	1.4

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	WL09B		WL10A-MS		WL10B		WL10B-DP		WL11A-MS		WL11B		WL11C	
Sample Date:	05/16/90		04/17/90		04/17/90		04/17/90		04/23/90		04/23/90		04/23/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	9120	P	9410	P	5050	P	3430	P	15400	P	14100	P	15200
Antimony	P	22.3	BNP	10.2	UNP	4.6	UNP	4.4	BNP	9.8	UNP	5.2	BNP	12
Arsenic	F	3.7	F	8.8	F	6	F	4.9	F	6.1	F	4.6	BF	5.4
Barium	BP	34.2	EP	2900	BEP	40.5	BEP	21.7	EP	95.7	EP	95.2	BEP	45.4
Beryllium	BP	0.91	BP	0.63	BP	0.62	BP	0.56	P	1.4	P	1.5	P	1.7
Cadmium	P	4.7	*P	56.9	U*P	0.46	U*P	0.44	BP	0.91	UP	0.68	UP	0.69
Calcium	P	151000	P	35300	P	144000	P	168000	P	58500	P	2570	P	55200
Chromium	P	12.9	*P	602	*P	8.1	*P	5.8	*P	22.1	*P	16.6	*P	19.8
Cobalt	BP	8.6	P	22.3	BP	4.9	BP	3.7	BP	11	P	14.3	P	12
Copper	N*P	25.5	P	566	P	15.4	P	10.1	P	19.9	P	14.3	P	15
Iron	EP	16300	EP	42300	EP	12400	EP	10100	EP	21600	EP	22800	EP	25500
Lead	N*F	7.5	F	4360	F	27.9	F	19.6	F	40.9	F	34	F	5.9
Magnesium	P	35600	*P	8630	*P	33800	*P	26500	*P	7810	*P	2160	*P	11900
Manganese	EP	504	*P	867	*P	711	*P	855	EP	743	EP	1460	EP	577
Mercury	N*CV	5.3	*CV	0.25	U*CV	0.1	U*CV	0.1	CV	0.15	CV	0.15	CV	0.2
Nickel	P	18.8	P	130	P	11.2	BP	7.4	P	18	P	16.3	P	24.5
Potassium	P	2120	BP	625	BP	403	BP	362	P	2020	P	1470	P	3680
Selenium	UWNF	4.7	F	3.5	UF	0.46	UF	0.44	UWNF	0.44	UWNF	0.46	UWNF	4.5
Silver	BP	2.1	P	3.3	UP	0.46	UP	0.44	UP	1.4	UP	1.4	UP	1.4
Sodium	BP	208	BP	673	BP	398	BP	214	BP	153	BP	88	BP	218
Thallium	UWNF	0.47	BF	0.57	BF	0.43	BF	0.39	BWNF	0.78	BNF	1	UNF	0.45
Vanadium	P	20.4	P	13.1	BP	11.4	BP	8.4	P	27.5	P	26.7	P	25.1
Zinc	P	81.4	EP	826	EP	35	EP	32.7	E*P	167	E*P	58.3	E*P	55.8
Cyanide	UC	2.2	C	43.6	UC	1.1	UC	1.1	UC	0.63	UC	0.73	UC	0.6

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	WL12A		WL12A-FB		WL12C		WL13A		WL13B		WL14A		WL14B	
Sample Date:	05/07/90		05/07/90		05/07/90		05/19/90		05/19/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	21900	P	61	P	3770	P	5980	P	4270	P	4510	P	5220
Antimony	UNP	5.6	UNP	3.7	UNP	4.7	P	20.1	P	18.3	UNP	5	UNP	5.1
Arsenic	F	12.5	UF	0.39	F	5.2	F	3.3	F	4	F	6.4	F	5.8
Barium	P	63.3	BP	0.2	BP	18	P	52.1	BP	40.4	BP	23	BP	37.5
Beryllium	BP	0.7	UP	0.18	UP	0.22	BP	0.9	UP	0.47	UP	0.24	UP	0.24
Cadmium	P	1.9	UP	0.35	BP	1.1	UP	0.65	UP	0.7	P	2.7	P	2.8
Calcium	*P	2170	B*P	162	*P	188000	P	146000	P	134000	*P	190000	*P	14700
Chromium	*P	22.2	U*P	1.4	*P	3.4	P	8.1	P	7	*P	6.2	*P	25.7
Cobalt	BP	9.7	UP	1.4	UP	1.8	BP	4.6	BP	2.7	BP	2.3	BP	2
Copper	ENP	26.5	UENP	0.71	ENP	6.3	N*P	8.9	N*P	7.9	ENP	11.1	ENP	40.8
Iron	*P	34100	*P	86	*P	8870	EP	13100	EP	8230	*P	11100	*P	10100
Lead	*F	18.7	BW*F	0.27	*F	13.5	SN*F	6.1	N*F	9.8	*F	7.2	*F	82.5
Magnesium	*P	3690	B*P	12.9	*P	45400	P	26600	P	21500	*P	21900	*P	35100
Manganese	*P	662	B*P	1.3	*P	503	EP	547	EP	388	*P	505	*P	349
Mercury	CV	0.24	CV	0.14	CV	0.13	N*CV	0.82	N*CV	0.34	CV	0.06	UCV	0.09
Nickel	*P	22.3	U*P	1.8	B*P	4.9	P	12.1	P	9.8	B*P	5.9	B*P	9.1
Potassium	P	1480	UP	27.6	P	1140	P	1340	P	1190	P	1380	P	1550
Selenium	UF	0.49	UF	0.39	UWF	0.45	UENF	4.2	UWNF	4.3	UWF	0.41	UWF	0.63
Silver	UNP	0.8	UNP	0.53	UNP	0.67	UP	1.3	BP	1.5	UNP	0.72	UNP	0.73
Sodium	BP	205	BP	44.2	BP	329	BP	172	BP	209	BP	300	BP	382
Thallium	UWF	0.49	UF	0.39	UF	0.45	UWNF	0.42	UWNF	0.43	UF	0.41	UF	0.4
Vanadium	P	46.8	UP	0.53	P	36	P	13.6	P	13	P	43	P	16.3
Zinc	N*P	90.1	BN*P	3.1	N*P	27.7	P	30.6	P	21.6	N*P	35.1	N*P	60.5
Cyanide	UAS	2.9	UAS	2.8	UAS	2.4	UC	1.7	UC	1.8	UAS	1.7	UAS	3.2

SKINNER LANDFILL
Summary of WL Series Analytical Results
Inorganics
Units in mg/Kg

WWES Sample Id:	WL15A		WL15A-DP		WL15B		WL16A		WL16B		WL16B-DP	
Sample Date:	05/19/90		05/19/90		05/19/90		05/07/90		05/07/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Aluminum	P	17400	P	225000	P	2940	P	9550	P	11400	P	21800
Antimony	BP	11.9	P	15.5	P	16.1	UNP	4.5	UNP	5	UNP	5.1
Arsenic	F	7.4	BF	5	F	2.1	F	7.5	F	4.8	F	4.4
Barium	P	79.5	P	164	BP	10.4	P	45.3	P	65.6	P	90.5
Beryllium	P	1.8	BP	1.1	BP	0.58	BP	0.4	BP	0.42	BP	1.1
Cadmium	UP	0.69	P	2.1	P	1.7	P	1.3	P	1.4	P	2.1
Calcium	P	92100	P	25500	P	141000	*P	171000	*P	146000	*P	68700
Chromium	P	19.9	P	1650	P	7.1	*P	12.1	*P	11.9	*P	25.4
Cobalt	BP	10.3	BP	8.5	BP	3.5	BP	4.8	BP	6.7	P	12.7
Copper	N*P	20	N*P	51.3	N*P	7.2	ENP	13.8	ENP	16	ENP	20.4
Iron	EP	26900	EP	17800	EP	8660	*P	16900	*P	19800	*P	28800
Lead	N*F	29.4	N*F	492	N*F	6.2	*F	8.4	*F	11.9	*F	6.2
Magnesium	P	12200	P	4920	P	26900	*P	18100	*P	11100	*P	10300
Manganese	EP	1060	EP	529	EP	531	*P	608	*P	760	*P	818
Mercury	N*CV	2.6	N*CV	0.21	N*CV	0.09	UCV	0.09	UCV	0.07	UCV	0.06
Nickel	P	23.3	P	18.4	BP	7.8	*P	12.4	*P	13.8	*P	25.9
Potassium	P	2170	P	1230	BP	646	P	2940	P	3510	P	6820
Selenium	UWNF	0.45	UWNF	0.47	UWNF	3.6	UWF	0.45	UWF	0.36	UWF	0.45
Silver	P	2.8	P	13	UP	1.3	UNP	0.64	UNP	0.72	UNP	0.73
Sodium	BP	131	BP	53.1	BP	200	BP	375	BP	374	BP	413
Thallium	UNF	0.45	UNF	0.47	UWNF	0.36	UF	0.45	UF	0.36	UF	0.45
Vanadium	P	33.9	P	24.2	BP	9.7	P	46.5	P	25.2	P	41.7
Zinc	P	71	P	265	P	23.6	N*P	52.8	N*P	55.8	N*P	75.5
Cyanide	UC	1.9	UC	1.5	UC	1.6	UAS	2.3	UAS	3.7	UAS	3.8

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL01A		WL01B		WL01C		WL02A		WL02B		WL03C		WL03D	
Sample Date:	04/22/90		04/22/90		04/22/90		05/20/90		05/20/90		05/20/90		05/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	4.2	U	3.2	U	2	U	1.4	U	1.8	U	3	U	1.7
Total TETRA CDD	U	4.2	U	3.2	U	2	U	1.4	U	1.8	U	3	U	1.7
Total PENTA CDD	U	3.5	U	2.6	U	0.8	U	1.7	U	2.4	U	2.5	U	3.2
Total HEXA CDD	U	6.2	U	4.7	U	1.1	U	2.3	U	1.9	U	4	U	1.6
Total HEPTA CDD	U	16.4	U	18.6	U	8.7	U	3.7	U	8.3	U	27.3	U	14.9
Total OCTA CDD	U	24		193	U	19.3		95		113		408	U	25.6
2,3,7,8-TCDF	U	2.3	U	2.4	U	1.2	U	1.2	U	1.2	U	1.7	U	0.7
Total TETRA CDF	U	2.3	U	2.4	U	1.2	U	1.2	U	1.2		56.2	U	0.7
Total PENTA CDF	U	3.9	U	1.8	U	2.6	U	2	U	1.5	U	6.2	U	2.2
Total HEXA CDF	U	3.1	U	2.3	U	1.5	U	3	U	1.9	U	3.1	U	2.2
Total HEPTA CDF	U	11.4	U	4.6	U	2.7	U	3.1	U	5.6	U	4.1	U	3.8
Total OCTA CDD	U	19.6	U	15	U	12.6	U	17.4	U	12.9	U	36.3	U	24

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL03B		WL04A-MS		WL04C		WL05B		WL05B-RB		WL05C		WL06B	
Sample Date:	05/20/90		05/07/90		05/07/90		05/14/90		06/14/90		05/14/90		04/13/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.1	U	1	U	3.1	U	0.2	U	0.5	U	2	U	1.9
Total TETRA CDD	U	1.1	U	1	U	3.1	U	0.2		140.2	U	2	U	1.9
Total PENTA CDD	U	1.1	U	1.8	U	3.7		17.3	U	0.9	U	7.4	U	0.9
Total HEXA CDD	U	2.8	U	2.1	U	3.1	U	0.2		189.1	U	3.2	U	1.3
Total HEPTA CDD	U	11.1		21	U	6.8		24		201	U	4.4	U	8.4
Total OCTA CDD	U	11.3		196	U	20.8		132		172	U	6.9	U	5.3
2,3,7,8-TCDF	U	1.4	U	1.3	U	1.7	U	9.3	U	6	U	1.5	U	1.3
Total TETRA CDF	U	1.4	U	1.3	U	1.7		209.3	U	6	U	1.5	U	1.3
Total PENTA CDF	U	3.6	U	2	U	10.2		1726.1		2157.4	U	6.2	U	1
Total HEXA CDF	U	2.7	U	1.5	U	2.9		2614.8		5469.3	U	3.2	U	2.3
Total HEPTA CDF	U	6.1	U	6	U	4.9		3509		3731	U	2.7	U	2.4
Total OCTA CDD	U	12.9	U	14.6	U	6.1		15109		12360	U	4.7	U	2.8

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL06C		WL06C-FB		WL07C		WL07D		WL07B		WL08A-FB		WL08A-MS	
Sample Date:	04/13/90		04/13/90		04/19/90		04/19/90		04/19/90		05/20/90		05/20/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	0.9	U	1.2	U	16.1	U	7.4	U	28.1	U	1.7	U	1.4
Total TETRA CDD	U	0.9	U	1.2	U	16.1	U	7.4	U	28.1	U	1.7	U	1.4
Total PENTA CDD	U	1.5	U	2.9	U	20.8	U	19.6	U	14.7	U	4.9	U	2.2
Total HEXA CDD	U	1.9	U	2.9	U	14.4	U	32	U	18.6	U	4.1	U	2.2
Total HEPTA CDD	U	6.2	U	7.9	U	115.8		309	U	34.5	U	3.7		30
Total OCTA CDD		78	U	8.7		789		3165	U	64.7		418		183
2,3,7,8-TCDF	U	1	U	2.6	U	5.9	U	4.2	U	6	U	1.9	U	0
Total TETRA CDF		44.8	U	2.6	U	5.9	U	4.2	U	6	U	1.9	U	0
Total PENTA CDF	U	1.8	U	2	U	25.6	U	12.3	U	7.9	U	2	U	2.3
Total HEXA CDF	U	1	U	2	U	14.3	U	15.9	U	20.1	U	2.8	U	1.6
Total HEPTA CDF	U	4.5	U	1.8	U	30.8	U	47.6	U	25.4	U	6.8	U	3.4
Total OCTA CDD	U	2.2	U	1.7	U	100.8	U	89.6	U	87.5	U	9.6	U	9.1

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL08B		WL08B-DP		WL08D-DP		WL09A		WL09A-FB		WL09B		WL09B-RB	
Sample Date:	05/20/90		05/20/90		05/20/90		05/16/90		05/16/90		05/16/90		06/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	2.8	U	1.3	U	1.5	U	3.3	U	0.8	U	1.6	U	0.3
Total TETRA CDD	U	2.8	U	1.3	U	1.5	U	3.3	U	0.8	U	1.6	U	0.3
Total PENTA CDD	U	2.1	U	3.5	U	3.6	U	11.4	U	11.8	U	1.3		0.8
Total HEXA CDD	U	3	U	8.5	U	2.7	U	5.5	U	1.8		19.6	U	0.3
Total HEPTA CDD		28	U	15	U	5		105	U	19.4		59		43
Total OCTA CDD		159		132	U	5		176	U	6.7		128		240
2,3,7,8-TCDF	U	2.1	U	2.7	U	1.5	U	2.9	U	0.7	U	0.9	U	2.5
Total TETRA CDF	U	2.1	U	2.7	U	1.5	U	2.9	U	0.7		143.6		90.8
Total PENTA CDF	U	1.7	U	2.2	U	3.3	U	6.5	U	2		469.5		483.6
Total HEXA CDF	U	2.5	U	5	U	3.9	U	6.7		3.7		1543.2		1210.1
Total HEPTA CDF	U	3.1	U	6.1	U	3.2	U	4.8		9		3319		2703
Total OCTA CDD	U	9	U	7.6	U	12.4	U	16.9	U	4.3	U	1.3		5335

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL10A-MS		WL10B		WL10B-DF		WL11A-MS		WL11B		WL11C		WL12A	
Sample Date:	04/19/90		04/19/90		04/19/90		04/22/90		04/22/90		04/22/90		05/07/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.9	U	2.1	U	1.6	U	4.1	U	1.5	U	1.2	U	2.6
Total TETRA CDD	U	1.9	U	2.1	U	1.6	U	4.1	U	1.5	U	1.2	U	2.6
Total PENTA CDD	U	4.4	U	1.9	U	3.4	U	3.7	U	2.7	U	1.7	U	5.5
Total HEXA CDD	U	1.3	U	2	U	4.9	U	3.1	U	4.6	U	1.4	U	2.2
Total HEPTA CDD		262		40	U	14.6		57	U	5.1	U	3.5		6
Total OCTA CDD		987		361	U	7.9		425		117	U	13.6		31
2,3,7,8-TCDF	U	7.1	U	1.6	U	1.8	U	1.3	U	2	U	1	U	1.9
Total TETRA CDF		2304.7	U	1.6	U	1.8	U	1.3	U	2	U	1	U	1.9
Total PENTA CDF	U	4.7	U	4	U	2.2	U	2.6	U	17.7	U	1.3	U	1.9
Total HEXA CDF		163.9	U	2.4	U	3.3	U	3.3	U	3.4	U	1.1	U	0.8
Total HEPTA CDF		266	U	9	U	7.7	U	17.4	U	3.9	U	2.5	U	1.2
Total OCTA CDD	U	10.8	U	11.8	U	7.2	U	12.3	U	5.3	U	8.4	U	3.9

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL12A-FB		WL12C		WL13A		WL14A		WL14B		WL15A		WL15A-DP	
Sample Date:	05/14/90		05/07/90		05/19/90		05/07/90		05/07/90		05/19/90		05/19/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	1.5	U	1.3	U	1.4	U	2	U	1.3	U	0.9	U	0.8
Total TETRA CDD	U	1.5	U	1.3	U	1.4	U	2	U	1.3	U	0.9	U	0.8
Total PENTA CDD	U	1.6	U	1.4	U	4.2	U	4		42.2	U	4.6	U	1.7
Total HEXA CDD	U	2.5	U	3.8	U	2	U	4	U	1.3	U	1.7	U	0.9
Total HEPTA CDD		17	U	18.5	U	7.3	U	9.2	U	5.6		81	U	7.5
Total OCTA CDD		125		60		36		91		37		172	U	5.3
2,3,7,8-TCDF	U	0.6	U	1.3	U	1.3	U	0.5	U	1.4		9.6	U	1
Total TETRA CDF	U	0.6	U	1.3	U	1.3		42.6	U	1.4		32.6	U	1
Total PENTA CDF	U	2.5	U	5.7	U	1.7	U	4		10.3		22.9	U	1.1
Total HEXA CDF	U	2.9	U	2.8	U	2.6	U	1.8	U	1.4	U	2	U	0.7
Total HEPTA CDF	U	3.2	U	3.9	U	5.5	U	0	U	1.9	U	1.4	U	2.6
Total OCTA CDD	U	5.2	U	10.1	U	7	U	6.9		27		46	U	3.8

SKINNER LANDFILL
Summary of WL Series Analytical Results
Dioxins and Furans
Units in ng/Kg

WWES Sample Id:	WL15A-DPRB		WL15B		WL16B		WL16B-DP	
Sample Date:	05/23/90		05/19/90		05/07/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
2,3,7,8-TCDD	U	2.3	U	0.7	U	2.8	U	0.4
Total TETRA CDD	U	2.3	U	0.7	U	2.8	U	0.4
Total PENTA CDD	U	5.8	.	68.3	U	3.3	U	2
Total HEXA CDD	U	4.7	U	4.2	U	2.2	U	1.9
Total HEPTA CDD	U	5.6		18	U	11.6	U	3.8
Total OCTA CDD		20		191	U	33.7		46
2,3,7,8-TCDF	U	1.9	U	0.4	U	1.3	U	0.6
Total TETRA CDF	U	1.9		249.8		7.4	U	0.6
Total PENTA CDF	U	7.6		29.1	U	2.4	U	21.9
Total HEXA CDF	U	5.3		71.7	U	1.7	U	1.6
Total HEPTA CDF	U	2.3		110	U	7.8	U	3.2
Total OCTA CDD		19	U	4.3	U	16.6	U	4.1

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL01A		WL01B		WL01B-DL		WL01C		WL02A		WL02B		WL03C	
Sample Date:	04/22/90		04/22/90		04/22/90		04/22/90		05/01/90		05/01/90		04/22/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.42		1.2		1.4		0.0045		0.0062		0.0022		0.0035
Hexachlorocyclopentadiene	U	0.47	U	0.51	U	2.6	U	0.034	U	0.038	U	0.035	U	0.038
Hexachlorobutadiene	U	0.012	U	0.013	U	0.069	U	0.00091	U	0.001		0.0012	U	0.001
Octachlorocyclopentene	U	0.12	U	0.13	U	0.67	U	0.0088	U	0.0099	U	0.0092	U	0.001
1,2,3,4,5,7,7-Heptachloronorborene		0.038		0.12		0.11		0.0017		0.0037	U	0.0008	U	0.00088
Chlordene	U	0.015		0.029	U	0.08	U	0.0011	U	0.0012	U	0.0011	U	0.0012

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL03D		WL03E		WL04A-MS		WL04C		WL05B		WL05B-D1		WL05B-D2	
Sample Date:	04/22/90		04/23/90		05/01/90		05/01/90		05/14/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.0018		0.00093		0.0039	U	0.00051	E		E	260		350
Hexachlorocylopentadiene	U	0.034	U	0.034	U	0.04	U	0.041	E			470		740
Hexachlorobutadiene	U	0.00091	U	0.00091	U	0.0011	U	0.0011	E			42		31
Octachlorocyclopentene	U	0.0089	U	0.0089	U	0.01	U	0.011	E		E		E	
1,2,3,4,5,7,7-Heptachloronorborene	U	0.00078		0.0008	X	0.0027	U	0.00093	E		E	380		360
Chlordene	U	0.0011	U	0.0011	U	0.0013	U	0.0013	E		E	180		170

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL05B-D3		WL05C		WL05C-DL		WL06B		WL06C		WL07C		WL07C-DL	
Sample Date:	05/14/90		05/14/90		05/14/90		04/10/90		04/10/90		04/18/90		04/18/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		310	E	0.99		1.1		0.014		0.04		0.27		0.3
Hexachlorocylopentadiene	U	4600		0.54	U	4.7	U	0.035	U	0.035	U	0.42	U	2.1
Hexachlorobutadiene	U	130		0.13	U	0.12		0.0049		0.0051	U	0.011	U	0.056
Octachlorocyclopentene		4200	E			8.7		0.048	U	0.009	U	0.11	U	0.55
1,2,3,4,5,7,7-Heptachloronorborene		250	E	1.3		0.95		0.029		0.12		1.6	U	0.05
Chlordene		150		0.6		0.51		0.012		0.034	U	0.014	U	0.066

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWRS Sample Id:	WL07D		WL07E		WL08A		WL08A-FB		WL08B		WL08B-DP		WL09A	
Sample Date:	04/18/90		04/18/90		05/01/90		05/01/90		05/01/90		05/01/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.099		0.0033		0.0022	U	0.00039		0.032	U	0.00039	E	11
Hexachlorocylopentadiene	U	0.52	U	0.035	U	0.036	U	0.031	U	0.04	U	0.031		8.9
Hexachlorobutadiene	U	0.013	U	0.00094	U	0.00096	U	0.00083	U	0.0011	U	0.00083		1.5
Octachlorocyclopentene	U	0.13	U	0.0091	U	0.0093	U	0.0081	U	0.011	U	0.0081	E	
1,2,3,4,5,7,7-Heptachloronorborene		0.26	U	0.0008		0.0019	U	0.00071		0.012	U	0.00071	E	16
Chlordene	U	0.017	U	0.0011	U	0.0011	U	0.00097		0.0044	U	0.00097	E	8.2

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL09A-D2		WL09A-D1		WL09A-FB		WL09B		WL09B-D1		WL09B-D2		WL09B-D3	
Sample Date:	05/14/90		05/14/90		05/14/90		05/14/90		05/14/90		05/14/90		05/14/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		15	E	14	U	0.00039	E		E	18		20		18
Hexachlorocylopentadiene	U	93	U	9.3	U	0.031	U	0.95	U	9.5	U	47	U	470
Hexachlorobutadiene	U	2.5		1.1	U	0.00083	E		E	26		27		18
Octachlorocyclopentene		110	E		U	0.0081		1.4	U	2.5	U	12	U	120
1,2,3,4,5,7,7-Heptachloronorborene		11		16		0.0015	E		E	69		68		43
Chlordene		6.6		7.6		0.0011	E		E		E	170		120

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL10A-MS		WL10A-MSD1		WL10A-MSD2		WL10A-MSD3		WL10A-MSD4		WL10B		WL10B-DL	
Sample Date:	04/18/90		04/18/90		04/18/90		04/18/90		04/18/90		04/19/90		04/19/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene	E	0	E	85	E	100		110		13	E	0.055		0.058
Hexachlorocylopentadiene		8.1	U	26	U	51	U	260		15	U	0.034		0.17
Hexachlorobutadiene	E	0		7.6		7.5		6.9		13		0.024		0.02
Octachlorocyclopentene	E	0		35		38	U	67		123		0.032	U	0.044
1,2,3,4,5,7,7-Heptachloronorborene	E	0	E	92		100		73		94		0.038		0.029
Chlordene	E	0		45		48		18		57		0.016		0.015

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWRS Sample Id:	WL10B-DP		WL10B-DPDL		WL11A-MS		WL11B		WL11C		WL12A		WL12A-FB	
Sample Date:	04/19/90		04/19/90		04/22/90		04/22/90		04/22/90		05/01/90		05/01/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		1.5		2		0.0086	U	0.00047	U	0.00043	U	0.00039	U	0.00049
Hexachlorocylopentadiene	U	0.42	U	4.2	U	0.037	U	0.038	U	0.034	U	0.031	U	0.039
Hexachlorobutadiene		0.13		0.12	U	0.001		0.0062		0.01	U	0.00083	U	0.001
Octachlorocyclopentene		1		1.1	U	0.0097	U	0.0098	U	0.009		0.012		0.025
1,2,3,4,5,7,7-Heptachloronorborene		1.9		1.6		0.0074	U	0.00086		0.0012		0.0015		0.019
Chlordene		0.71		0.67		0.0036		0.022	U	0.0011		0.00097	U	0.0012

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL12C		WL13A		WL13B		WL14A		WL14A-DL		WL14B		WL14B-DL1	
Sample Date:	05/01/90		05/17/90		05/17/90		05/01/90		05/01/90		05/01/90		05/01/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.0029		0.0019	U	0.00041	E	620		600	E	1700		1800
Hexachlorocylopentadiene	U	0.032	U	0.033	U	0.032		1900	U	4900		4300	U	5200
Hexachlorobutadiene	U	0.00085	U	0.00089	U	0.00087		71	U	130		260		180
Octachlorocyclopentene		0.013	U	0.0087	U	0.0085	E		U	7800	E		E	23000
1,2,3,4,5,7,7-Heptachloronorborene		0.0032		0.0042	U	0.00074		760		500	E	2500		1700
Chlordene		0.0018		0.0061		0.003		350		270		1200		910

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWBS Sample Id:	WL14B-DL2		WL15A		WL15A-DP		WL15B		WL15B-D1		WL15B-D2		WL15B-D3	
Sample Date:	05/01/90		05/17/90		05/17/90		05/15/90		05/15/90		05/15/90		05/15/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		1800		0.01	X	0.0048	E		E	16		17		17
Hexachlorocylopentadiene	U	5200	U	0.037	U	0.038	U	0.49	U	4.9	U	49	U	97
Hexachlorobutadiene	U	1400		0.0067	X	0.0041	E		E			38		35
Octachlorocyclopentene		19000	U	0.0098	U	0.01	U	0.13	U	1.3	U	13	U	25
1,2,3,4,5,7,7-Heptachloronorborene		1400		0.0088	U	0.00087	E		E			41		36
Chlordene	U	1600		0.027		0.0081	E		E		E	180		180

SKINNER LANDFILL
Summary of WL Series Analytical Results
Alternate Pesticide Scan
Units in mg/Kg

WWES Sample Id:	WL16A		WL16A-DL		WL16B		WL16B-DL		WL16B-DP		WL16B-DPDL	
Sample Date:	05/01/90		05/01/90		05/01/90		05/01/90		05/01/90		05/01/90	
Compound Name	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc	Qual	Conc
Hexachlorobenzene		0.27		0.28		0.72		1.1		0.58		0.8
Hexachlorocylopentadiene	U	0.5	U	2.5		0.74	U	5.1		0.57	U	5.1
Hexachlorobutadiene	U	0.013	U	0.067	U	0.014	U	0.14	U	0.014	U	0.14
Octachlorocyclopentene	E	2.2		2.3	E			11	E			7
1,2,3,4,5,7,7-Heptachloronorborene		0.19		0.2		0.68		0.73		0.49		0.48
Chlordene		0.11		0.11		0.37		0.47		0.27		0.31

Sand Blanks

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	5205E-08	06-Feb-90	Acetone	J	0.009
SAND-BLK	5205E-08	06-Feb-90	Benzene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Bromodichloromethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Bromomethane	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Chlorodibromomethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Chloroform	U	0.002
SAND-BLK	5205E-08	06-Feb-90	1,1-Dichloroethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	1,1-Dichloroethylene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	1,2-Dichloropropane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	1,2-Dichloroethylene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	trans-1,3-Dichloropropene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	cis-1,3-Dichloropropene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	1,2-Dichloroethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Chloromethane	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Chlorobenzene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Carbon Tetrachloride	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Bromoform	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Chloroethane	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Ethylbenzene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Hexachlorobenzene	U	0.00038
SAND-BLK	5205E-08	06-Feb-90	Hexachlorocylopentadiene	U	0.029
SAND-BLK	5205E-08	06-Feb-90	Methylene Chloride	J	0.003
SAND-BLK	5205E-08	06-Feb-90	Hexachlorobutadiene	U	0.00079
SAND-BLK	5205E-08	06-Feb-90	1,1,2,2-Tetrachloroethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Tetrachloroethylene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Toluene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	1,1,2-Trichloroethane	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Trichloroethylene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Xylene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	2-Hexanone	U	0.01
SAND-BLK	5205E-08	06-Feb-90	2-Butanone	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Styrene	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Total Organic Carbons	U	1000
SAND-BLK	5205E-08	06-Feb-90	4-Methyl,2-Pentanone	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Chlordene	U	0.00094
SAND-BLK	5205E-08	06-Feb-90	1,2,3,4,5,7,7-Heptachloronorborene	U	0.00069
SAND-BLK	5205E-08	06-Feb-90	Octachlorocyclopentene	U	0.0076
SAND-BLK	5205E-08	06-Feb-90	Carbon Disulfide	U	0.005
SAND-BLK	5205E-08	06-Feb-90	Vinyl Acetate	U	0.01
SAND-BLK	5205E-08	06-Feb-90	Vinyl Chloride	U	0.01
SAND-BLK	5205E-08	06-Feb-90	1,1,1-Trichloroethane	U	0.005
SAND-BLK	EGG08	07-Feb-90	N-Nitroso-di-n-propylamine	U	0.66

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1254	U	0.32
SAND-BLK	EGG08	07-Feb-90	Pentachlorophenol	U	3.2
SAND-BLK	EGG08	07-Feb-90	Phenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Phenanthrene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Sodium, total	BEP	36.3
SAND-BLK	MEGG22	07-Feb-90	Silver, total	UP	0.59
SAND-BLK	MEGG22	07-Feb-90	Selenium, total	UF	0.19
SAND-BLK	EGG08	07-Feb-90	p-Chloro-m-cresol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Pyrene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Potassium, total	BEP	145
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1260	U	0.32
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1248	U	0.16
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1221	U	0.16
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1232	U	0.16
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1242	U	0.16
SAND-BLK	EGG08	07-Feb-90	PCB: aroclor 1016	U	0.16
SAND-BLK	EGG08	07-Feb-90	a-chlordane	U	0.16
SAND-BLK	MEGG22	07-Feb-90	Zinc, total	UEP	0.39
SAND-BLK	EGG08	07-Feb-90	Methyl-T-Butyl Ether	U	0.66
SAND-BLK	EGG08	07-Feb-90	2-Methylphenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Benzyl Alcohol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Dibenzofurans	U	0.66
SAND-BLK	EGG08	07-Feb-90	2-Methylnapthalene	U	0.66
SAND-BLK	EGG08	07-Feb-90	4-Chloroaniline	U	0.66
SAND-BLK	EGG08	07-Feb-90	4-Nitroaniline	U	3.2
SAND-BLK	EGG08	07-Feb-90	3-Nitroaniline	U	3.2
SAND-BLK	EGG08	07-Feb-90	2-Nitroaniline	U	3.2
SAND-BLK	EGG08	07-Feb-90	Benzoic Acid	U	3.2
SAND-BLK	EGG08	07-Feb-90	4-Methylphenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	g-chlordane	U	0.16
SAND-BLK	MEGG22	07-Feb-90	Vanadium, total	BEP	1.1
SAND-BLK	EGG08	07-Feb-90	2,4,6-Trichlorophenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	1,2,4-Trichlorobenzene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Toxaphene	U	0.32
SAND-BLK	EGG08	07-Feb-90	2,4,5-Trichlorophenol	U	3.2
SAND-BLK	MEGG22	07-Feb-90	Thallium, total	UF	0.19
SAND-BLK	EGG08	07-Feb-90	Acenaphthene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Aldrin	U	0.016
SAND-BLK	EGG08	07-Feb-90	Anthracene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Arsenic, total	UNF	0.19
SAND-BLK	EGG08	07-Feb-90	Benzo(a)pyrene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Benzo(ghi)perylene	U	0.66

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	MEGG22	07-Feb-90	Beryllium, total	UP	0.2
SAND-BLK	EGG08	07-Feb-90	Benzo(k)fluoranthene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Cyanide, total	UC	1
SAND-BLK	MEGG22	07-Feb-90	Copper, total	BP	1.1
SAND-BLK	MEGG22	07-Feb-90	Cobalt, total	UP	0.98
SAND-BLK	EGG08	07-Feb-90	Chrysene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Chromium, total	UP	1.2
SAND-BLK	EGG08	07-Feb-90	4-Chlorophenyl phenyl ether	U	0.66
SAND-BLK	EGG08	07-Feb-90	2-Chlorophenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	2-Chloronaphthalene	U	0.66
SAND-BLK	EGG08	07-Feb-90	2,4-Dimethylphenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Dimethyl phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	Diethyl phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	Dieldrin	U	0.032
SAND-BLK	EGG08	07-Feb-90	2,4-Dichlorophenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	3,3'-Dichlorobenzidine	U	1.3
SAND-BLK	EGG08	07-Feb-90	1,4-Dichlorobenzene	U	0.66
SAND-BLK	EGG08	07-Feb-90	1,3-Dichlorobenzene	U	0.66
SAND-BLK	EGG08	07-Feb-90	1,2-Dichlorobenzene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Dibenzo(ah)anthracene	U	0.66
SAND-BLK	EGG08	07-Feb-90	4,4'-DDT	U	0.032
SAND-BLK	EGG08	07-Feb-90	4,4'-DDE	U	0.032
SAND-BLK	EGG08	07-Feb-90	4,4'-DDD	U	0.032
SAND-BLK	EGG08	07-Feb-90	Endosulfan sulfate	U	0.032
SAND-BLK	EGG08	07-Feb-90	Di-n-octyl phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	Di-n-butyl phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	2,6-Dinitrotoluene	U	0.66
SAND-BLK	EGG08	07-Feb-90	2,4-Dinitrotoluene	U	0.66
SAND-BLK	EGG08	07-Feb-90	2,4-Dinitrophenol	U	3.2
SAND-BLK	EGG08	07-Feb-90	4-Bromophenyl phenyl ether	U	0.66
SAND-BLK	EGG08	07-Feb-90	Bis(2-ethylhexyl)phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	Bis(2-chloroisopropyl)ether	U	0.66
SAND-BLK	EGG08	07-Feb-90	Bis(2-chloroethyl)ether	U	0.66
SAND-BLK	EGG08	07-Feb-90	Bis(2-chloroethoxy)methane	U	0.66
SAND-BLK	EGG08	07-Feb-90	g-BHC	U	0.016
SAND-BLK	EGG08	07-Feb-90	d-BHC	U	0.016
SAND-BLK	EGG08	07-Feb-90	b-BHC	U	0.016
SAND-BLK	EGG08	07-Feb-90	Heptachlor	U	0.016
SAND-BLK	EGG08	07-Feb-90	Fluorene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Fluoranthene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Endrin ketone	U	0.032
SAND-BLK	EGG08	07-Feb-90	Endrin	U	0.032

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	EGG08	07-Feb-90	b-Endosulfan	U	0.032
SAND-BLK	EGG08	07-Feb-90	a-Endosulfan	U	0.016
SAND-BLK	MEGG22	07-Feb-90	Calcium, total	BP	78.6
SAND-BLK	MEGG22	07-Feb-90	Cadmium, total	UP	0.39
SAND-BLK	EGG08	07-Feb-90	Butyl benzyl phthalate	U	0.66
SAND-BLK	EGG08	07-Feb-90	Isophorone	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Iron, total	P	59.8
SAND-BLK	EGG08	07-Feb-90	Indeno(1,2,3-cd)pyrene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Hexachloroethane	U	0.66
SAND-BLK	EGG08	07-Feb-90	Hexachlorocylopentadiene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Hexachlorobutadiene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Hexachlorobenzene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Heptachlor Epoxide	U	0.016
SAND-BLK	EGG08	07-Feb-90	Methoxychlor	U	0.16
SAND-BLK	MEGG22	07-Feb-90	Mercury, total	UCV	0.08
SAND-BLK	MEGG22	07-Feb-90	Manganese, total	BP	0.47
SAND-BLK	MEGG22	07-Feb-90	Magnesium, total	BP	21.6
SAND-BLK	MEGG22	07-Feb-90	Lead, total	UF	0.19
SAND-BLK	EGG08	07-Feb-90	a-BHC	U	0.016
SAND-BLK	EGG08	07-Feb-90	4-Nitrophenol	U	3.2
SAND-BLK	EGG08	07-Feb-90	2-Nitrophenol	U	0.66
SAND-BLK	EGG08	07-Feb-90	Nitrobenzene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Nickel, total	UP	2.4
SAND-BLK	EGG08	07-Feb-90	Naphthalene	U	0.66
SAND-BLK	EGG08	07-Feb-90	2-Methyl-4,6-dinitrophenol	U	3.2
SAND-BLK	EGG08	07-Feb-90	Benzo(b)fluoranthene	U	0.66
SAND-BLK	EGG08	07-Feb-90	Benzo(a)anthracene	U	0.66
SAND-BLK	MEGG22	07-Feb-90	Barium, total	UP	0.2
SAND-BLK	MEGG22	07-Feb-90	Antimony, total	UNP	2.9
SAND-BLK	MEGG22	07-Feb-90	Aluminum, total	BP	27.8
SAND-BLK	EGG08	07-Feb-90	Acenaphthylene	U	0.66
SAND-BLK	MEGA56	02-Apr-90	Aluminum, total	BP	38.7
SAND-BLK	MEGA56	02-Apr-90	Mercury, total	UCV	0.1
SAND-BLK	MEGA56	02-Apr-90	Manganese, total	BNP	1.1
SAND-BLK	MEGA56	02-Apr-90	Magnesium, total	BP	17.9
SAND-BLK	MEGA56	02-Apr-90	Lead, total	UF	0.2
SAND-BLK	MEGA56	02-Apr-90	Iron, total	P	63.7
SAND-BLK	MEGA56	02-Apr-90	Cyanide, total	UNC	1
SAND-BLK	MEGA56	02-Apr-90	Copper, total	BP	0.74
SAND-BLK	MEGA56	02-Apr-90	Cobalt, total	UP	1
SAND-BLK	MEGA56	02-Apr-90	Chromium, total	UP	1.8
SAND-BLK	MEGA56	02-Apr-90	Calcium, total	BP	50.1

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	MEGA56	02-Apr-90	Cadmium, total	UP	0.6
SAND-BLK	MEGA56	02-Apr-90	Nickel, total	BP	2.2
SAND-BLK	MEGA56	02-Apr-90	Beryllium, total	UP	0.2
SAND-BLK	MEGA56	02-Apr-90	Barium, total	UP	1.2
SAND-BLK	MEGA56	02-Apr-90	Antimony, total	UNP	4.2
SAND-BLK	MEGA56	02-Apr-90	Sodium, total	UP	38.6
SAND-BLK	MEGA56	02-Apr-90	Silver, total	UP	0.4
SAND-BLK	MEGA56	02-Apr-90	Selenium, total	UF	0.4
SAND-BLK	MEGA56	02-Apr-90	Potassium, total	UP	82.7
SAND-BLK	MEGA56	02-Apr-90	Arsenic, total	BNF	0.2
SAND-BLK	MEGA56	02-Apr-90	Thallium, total	UF	0.4
SAND-BLK	MEGA56	02-Apr-90	Zinc, total	BP	0.95
SAND-BLK	MEGA56	02-Apr-90	Vanadium, total	BP	0.74
SAND-BLK	EGX48	04-Apr-90	Toxaphene	U	0.3
SAND-BLK	EGX48	04-Apr-90	a-chlordane	U	0.15
SAND-BLK	EGX48	04-Apr-90	2-Nitroaniline	U	3
SAND-BLK	EGX48	04-Apr-90	4-Nitroaniline	U	3
SAND-BLK	EGX48	04-Apr-90	2-Methylnapthalene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzyl Alcohol	U	0.61
SAND-BLK	EGX48	04-Apr-90	Dibenzofurans	U	0.61
SAND-BLK	EGX48	04-Apr-90	Methyl-T-Butyl Ether	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzoic Acid	U	3
SAND-BLK	EGX48	04-Apr-90	4-Methylphenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	2-Methylphenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	4-Chloroaniline	U	0.61
SAND-BLK	EGX48	04-Apr-90	3-Nitroaniline	U	3
SAND-BLK	EGX48	04-Apr-90	g-chlordane	U	0.15
SAND-BLK	EGX48	04-Apr-90	1,2,4-Trichlorobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,4,6-Trichlorophenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,4,5-Trichlorophenol	U	3
SAND-BLK	EGX48	04-Apr-90	Acenaphthene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Acenaphthylene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzo(a)pyrene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzo(ghi)perylene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Heptachlor	U	0.015
SAND-BLK	EGX48	04-Apr-90	Fluorene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Fluoranthene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Di-n-octyl phthalate	U	0.61
SAND-BLK	EGX48	04-Apr-90	Di-n-butyl phthalate	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,6-Dinitrotoluene	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,4-Dinitrotoluene	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,4-Dinitrophenol	U	3

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	EGX48	04-Apr-90	Methoxychlor	U	0.15
SAND-BLK	EGX48	04-Apr-90	Isophorone	U	0.61
SAND-BLK	EGX48	04-Apr-90	Indeno(1,2,3-cd)pyrene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Hexachloroethane	U	0.61
SAND-BLK	EGX48	04-Apr-90	Hexachlorocylopentadiene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Hexachlorobutadiene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Hexachlorobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Heptachlor Epoxide	U	0.015
SAND-BLK	EGX48	04-Apr-90	4-Nitrophenol	U	3
SAND-BLK	EGX48	04-Apr-90	2-Nitrophenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	Nitrobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Naphthalene	U	0.61
SAND-BLK	EGX48	04-Apr-90	2-Methyl-4,6-dinitrophenol	U	3
SAND-BLK	EGX48	04-Apr-90	Bis(2-ethylhexyl)phthalate	U	0.61
SAND-BLK	EGX48	04-Apr-90	Bis(2-chloroisopropyl)ether	U	0.61
SAND-BLK	EGX48	04-Apr-90	Bis(2-chloroethyl)ether	U	0.61
SAND-BLK	EGX48	04-Apr-90	Bis(2-chloroethoxy)methane	U	0.61
SAND-BLK	EGX48	04-Apr-90	g-BHC	U	0.015
SAND-BLK	EGX48	04-Apr-90	d-BHC	U	0.015
SAND-BLK	EGX48	04-Apr-90	b-BHC	U	0.015
SAND-BLK	EGX48	04-Apr-90	a-BHC	U	0.015
SAND-BLK	EGX48	04-Apr-90	p-Chloro-m-cresol	U	0.61
SAND-BLK	EGX48	04-Apr-90	Pyrene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Phenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1221	U	0.15
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1016	U	0.15
SAND-BLK	EGX48	04-Apr-90	N-Nitroso-di-n-propylamine	U	0.61
SAND-BLK	EGX48	04-Apr-90	Endrin ketone	U	0.03
SAND-BLK	EGX48	04-Apr-90	Endrin	U	0.03
SAND-BLK	EGX48	04-Apr-90	b-Endosulfan	U	0.03
SAND-BLK	EGX48	04-Apr-90	a-Endosulfan	U	0.015
SAND-BLK	EGX48	04-Apr-90	Endosulfan sulfate	U	0.03
SAND-BLK	EGX48	04-Apr-90	Phenanthrene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Pentachlorophenol	U	3
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1260	U	0.3
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1254	U	0.3
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1248	U	0.15
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1242	U	0.15
SAND-BLK	EGX48	04-Apr-90	PCB: aroclor 1232	U	0.15
SAND-BLK	EGX48	04-Apr-90	Dibenzo(ah)anthracene	U	0.61
SAND-BLK	EGX48	04-Apr-90	4,4'-DDT	U	0.03
SAND-BLK	EGX48	04-Apr-90	4,4'-DDE	U	0.03

SKINNER LANDFILL
Summary of Sand Blank Analytical Results
Units in mg/Kg

WWES Sample Id	EPA Sample Id	Sample Date	Compound Name	Qual	Concentration
SAND-BLK	EGX48	04-Apr-90	4,4'-DDD	U	0.03
SAND-BLK	EGX48	04-Apr-90	Chrysene	U	0.61
SAND-BLK	EGX48	04-Apr-90	4-Chlorophenyl phenyl ether	U	0.61
SAND-BLK	EGX48	04-Apr-90	2-Chlorophenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	2-Chloronaphthalene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Dimethyl phthalate	U	0.61
SAND-BLK	EGX48	04-Apr-90	Diethyl phthalate	J	0.17
SAND-BLK	EGX48	04-Apr-90	Dieldrin	U	0.03
SAND-BLK	EGX48	04-Apr-90	2,4-Dichlorophenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	3,3'-Dichlorobenzidine	U	1.2
SAND-BLK	EGX48	04-Apr-90	1,4-Dichlorobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	1,3-Dichlorobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	1,2-Dichlorobenzene	U	0.61
SAND-BLK	EGX48	04-Apr-90	2,4-Dimethylphenol	U	0.61
SAND-BLK	EGX48	04-Apr-90	Butyl benzyl phthalate	U	0.61
SAND-BLK	EGX48	04-Apr-90	4-Bromophenyl phenyl ether	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzo(k)fluoranthene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzo(b)fluoranthene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Benzo(a)anthracene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Anthracene	U	0.61
SAND-BLK	EGX48	04-Apr-90	Aldrin	U	0.015
SAND-BLK	5205E-150	05-Apr-90	Hexachlorobenzene	U	0.00039
SAND-BLK	5205E-150	05-Apr-90	Hexachlorobutadiene	U	0.00082
SAND-BLK	5205E-150	05-Apr-90	Hexachlorocylopentadiene	U	0.031
SAND-BLK	5205E-150	05-Apr-90	Octachlorocyclopentene	U	0.008
SAND-BLK	5205E-150	05-Apr-90	1,2,3,4,5,7,7-Heptachloronorborene	U	0.0007
SAND-BLK	5205E-150	05-Apr-90	Chlordene	U	0.00096
SAND-BLK	5250E-133	07-Apr-90	1,1,2,2-Tetrachloroethane	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Total Organic Carbons	U	100
SAND-BLK	5250E-133	07-Apr-90	4-Methyl,2-Pentanone	U	0.01
SAND-BLK	5250E-133	07-Apr-90	Styrene	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Carbon Disulfide	U	0.005
SAND-BLK	5250E-133	07-Apr-90	2-Butanone	U	0.01
SAND-BLK	5250E-133	07-Apr-90	Vinyl Acetate	U	0.01
SAND-BLK	5250E-133	07-Apr-90	2-Hexanone	U	0.01
SAND-BLK	5250E-133	07-Apr-90	Xylene	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Vinyl Chloride	U	0.01
SAND-BLK	5250E-133	07-Apr-90	1,1,2-Trichloroethane	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Trichloroethylene	U	0.005
SAND-BLK	5250E-133	07-Apr-90	1,1,1-Trichloroethane	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Toluene	U	0.005
SAND-BLK	5250E-133	07-Apr-90	Tetrachloroethylene	U	0.005

Appendix C
Soil Gas Survey
(Phase I)

REM II REMEDIAL RESPONSE TEAM

TO: Mr. Gene Wong	DATE: 5/12/87
	SITE NAME: Skinner
	SITE NUMBER: 130
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NOTE: ~~The~~ figure 7 has not been finalized as yet. We will wait for your input

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SOIL GAS SURVEY

Purpose and Scope

A soil gas survey was conducted at the Skinner Landfill site from April 6 to April 10, 1987. The initial purpose of the soil gas survey was to expand on the previously conducted geophysical survey by exploring locations with anomalous readings in the central shoulder area that were possible buried drum nests. Further, the buried lagoon area was to be surveyed to determine the areas of highest contaminant concentration. The results of the soil gas survey were then to be correlated with the geophysical results to develop a soil boring program to further characterize the areas of potential contamination.

The initial scope of work called for the installation of approximately 150 soil probes in the study area which consisted of the central shoulder and bured lagoon areas of the site. The probes were to be placed in predetermined locations on the existing site grid system utilized for the geophysical survey. In this manner, the two surveys could be correlated to achieve the stated purpose.

Theory

The instrument used for the soil gas survey was the Miran 1B Portable Ambient Air Analyzer. The Miran 1B is a microprocessor-controlled instrument that can detect and quantitatively measure over 100 compounds at concentrations from a few ppb to the percent range. The instrument is a portable ambient air analyzer that can be used to quantitatively measure to within ±5 ppm a wide variety of organic vapors. The concentration of organic vapors present is measured by using the principle of infrared absorption. The principle of operation, as stated in the operating manual, is:

> Infrared energy is emitted from a nichrome wire source through a light pipe assembly. The light is then directed to the filter wheel that allows energy at the selected wave-length to pass through into the gas cell. The sample is drawn into the cell by the integral air pump at a rate of 25 to 30 litres per minute. The sample absorbs infrared energy from the beam, and the amount of absorption is measured by the detector, amplified and converted to concentration units by the electronics, and transmitted to the liquid crystal display. The amount of infrared radiation absorbed by a sample is directly related to the concentration of the sample according to Beer's Law:
>
> $$A = a \times b \times c$$
>
> where A is absorbance, a is the absorbtivity constant, b is the pathlength, and c is the concentration. The MIRAN 1B also incorporates a curve correction term to correct for any deviations from Beer's Law.

Three compounds were chosen for the soil gas survey based on frequency of occurrence and concentration determined from the Phase 1 analytical results. These compounds included benzene, methylene chloride and toluene. Because the Miran 1B tests for one compound at a time to calculate a specific concentration, there is little chance for any type of interference. Interference could occur in the analysis of two compounds with absorption wavelengths within 0.5 microns. The wavelengths for benzene, methylene chloride, and toluene are 9.93, 13.47, and 13.89 microns, respectively. There would be no interference effects from toluene and methylene chloride in the measurement of benzene. The possibility for interference between methylene chloride and benzene does exist, however, based on the results, there does not appear to have been interference. This is discussed further in the Survey Results section. Other compounds with wavelengths within 0.5 microns of the compounds being analyzed could also interfere with the results. Compounds with wavelengths within 0.5 microns of benzene, methylene chloride, or toluene that could be present at the Skinner Landfill site are given in Table 1.

The instrument takes readings continuously (once every 2 seconds) and for this survey, readings were recorded once every 30 seconds. The absorption wavelengths of three compounds measured in this survey are included in the pre-programmed library of the instrument. Therefore, no precalibration for this study was needed.

Field Program

Upon arrival at the site, it was discovered that the majority of the proposed study area had been covered with 5 to 20 feet of demolition debris and solid waste. The fill had covered both the existing site grid system and the proposed soil probe locations. This necessitated a revision in the anticipated scope of work.

The southern-most portion of the central shoulder and buried lagoon areas were covered with fill to a maximum thickness of approximately 10 feet. It was decided by the U.S. EPA RPM and the WESTON Site Manager to conduct the soil gas survey in this area. A grid system to locate the soil probes was constructed utilizing existing monitoring wells on site. The location of this grid system is shown in Figure 1.

A total of 19 soil probes were placed within the grid system and the locations are shown in Figure 2.

The soil probes were 5 feet long and 1/2 inch in diameter with 3-inch pointed tips. The bottom one foot of each probe was slotted to allow air ~~an~~ entry. The top of each probe had a threaded cap. Figure 3 contains a schematic diagram of the probes.

Because the probes had to be placed in the soil below the recent fill to accurately assess the amount of contamination present, 5-foot extenders with threaded ends were constructed to increase the length of the probes. When the extenders, which also had threaded caps, were attached, the probes were long enough to penetrate the soil below the recent fill.

TABLE 1

POSSIBLE INTERFERENCE COMPOUNDS PRESENT
AT THE SKINNER LANDFILL SITE

Compound	Wavelength
m-dichlorobenzene	9.47
o-dichlorobenzene	13.55
p-dichlorobenzene	9.30
ethylbenzene	9.90
xylene	13.20

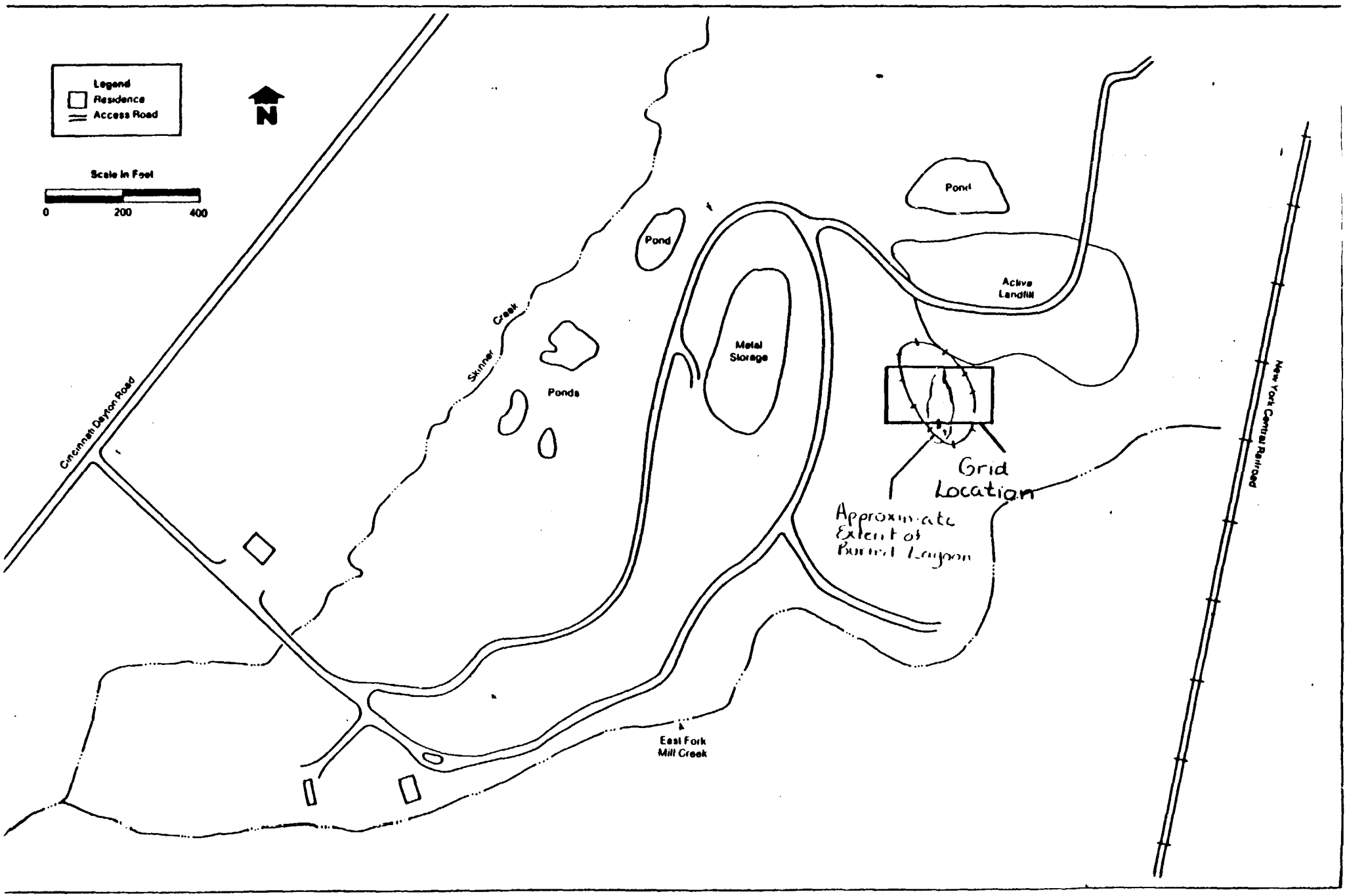

FIGURE LOCATION OF SOIL SURVEY GRID ON SITE.

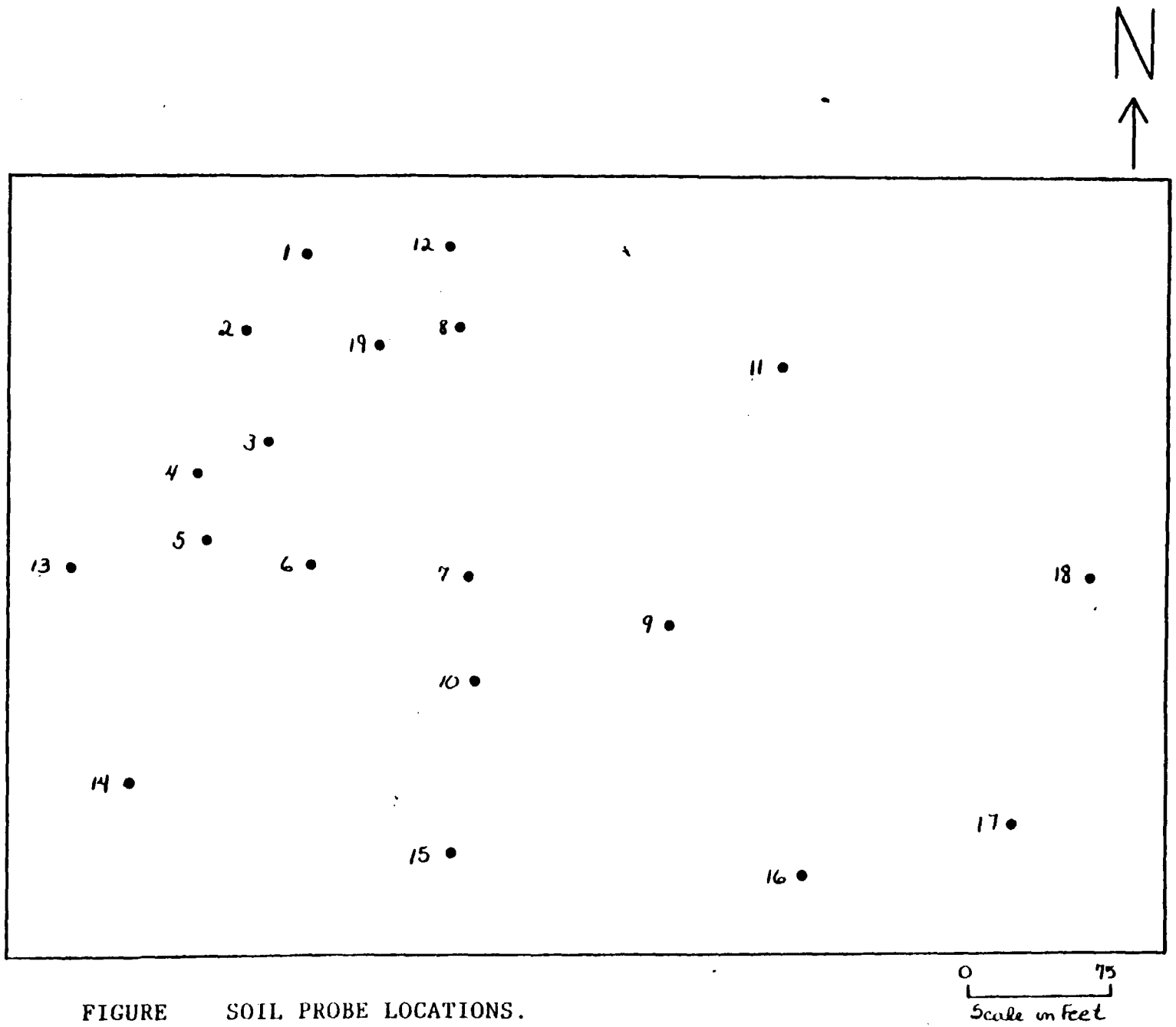

FIGURE SOIL PROBE LOCATIONS.

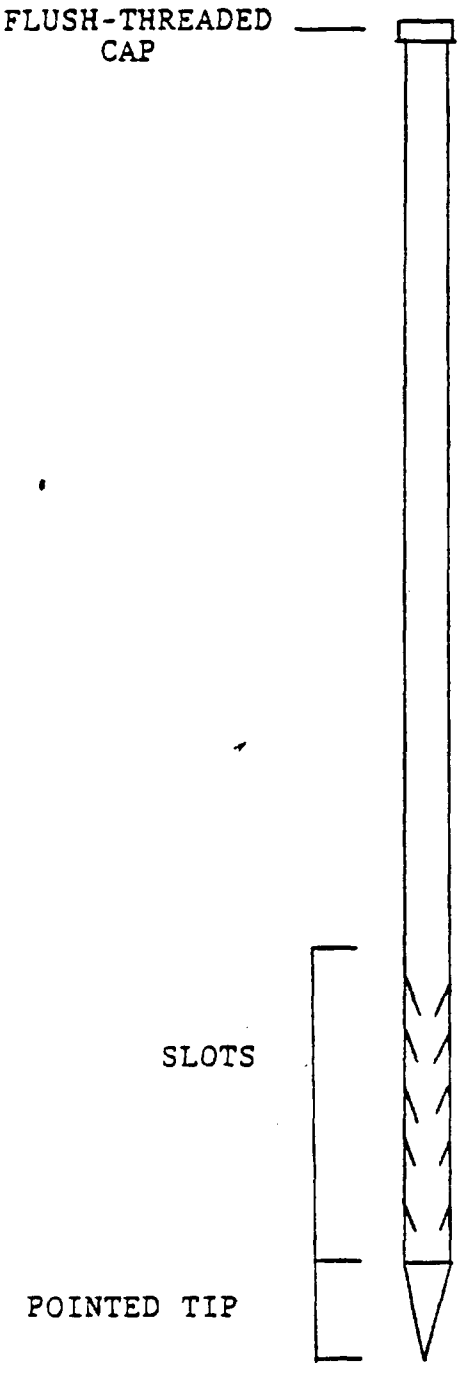

FIGURE DIAGRAM OF SOIL PROBE USED AT THE SKINNER LANDFILL SITE.

Prior to installation, each probe and extender was washed with a water and Alconox solution and rinsed first with methonal and then de-ionized water. After placement to a depth of approximately 9.5 feet, the probes were capped and allowed to stabilize for 24 hours. Before use each day, the instrument was taken off site to obtain a background concentration for the compound being analyzed. The ambient air concentration of the compound being measured was also recorded at each probe location prior to attachment to the probe.

Tygon tubing was attached to the instrument, the probe was uncapped, and the tubing was attached to the probe. Then, measurements of the concentrations were recorded once every 30 seconds until readings stabilized. Stabilization usually occurred within four to five minutes. Table 2 summarizes these results for each compound. The measurements for methylene chloride were obtained at all probes first. The probe was then recalibrated to background and measurements for benzene were taken. Toluene was the third compound tested for at the probes.

Discussion of Results

The stabilized results of the soil gas readings are plotted on the maps in Figures 3, 4, and 5. Concentrations of methylene chloride ranged from 2.2 to 868 ppm, benzene from 1.2 to 50 ppm, and toluene from 1.7 to 768 ppm. There does not appear to be any trend to the data, rather there appears to be a series of "hot spots" where one or more of the compounds was detected at high concentrations.

Because the range of concentrations of methylene chloride were 10 to 30 times higher than the concentrations of benzene, there appears to be no interference (discussed in the "Theory" section) between the two compounds. The interference usually occurs at concentrations less than 10 ppm, therefore, the concentrations are most likely accurate. Also based on the consistency of results, the higher (>10 ppm) concentrations of most readings, and the accuracy of the instrument, the readings are probably correct to within ±5 ppm.

The areas of highest concentration of one or more compounds occur in the northwest and west portion of the survey area, in the area of the buried lagoon, and there are also some scattered "hot spots" in the north-central and central areas of the survey.

The results of the soil gas survey were correlated to the results of the geophysical survey conducted previously by overlaying the two grid systems. This correlation indicated that several areas of contamination are indicated by both surveys. Probes 1, 2, 3, and 8 are located in one area of high conductivity and Probes 7, 9 and 10 are in another, as indicated by the EM survey. Probes 8 and 9 are also located in areas that were determined to be possible drum nests by the GPR survey.

By utilizing these correlated results, the proposed test trench locations, to further characterize the contamination present are presented in Figure 7.

TABLE 2
SKINNER LANDFILL SOIL GAS PROBE DATA
METHYLENE CHLORIDE (in ppm)

PROBE:	1D	1D DUP	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
INITIAL TIME:	8:35	12:24	8:44	8:53	9:00	9:05	9:11	9:19	9:31	9:39	9:51	9:58	10:09	10:18	10:31	10:40	11:38	11:45	11:52	12:02
BACKGROUND:	10	-0.5	14	18	14	15	11	13	12	18	15	15	14	19	19	20	0.2	-3	-2.1	-0.5
TIME (min)																				
0.0	10	-0.5	14	18	14	15	12	13	10	140	15	15	14	20	19	20	0.2	-3	-2.1	-0.5
0.5	464	220	12	19	27	9.2	93	33	288	188	115	64	74	22	351		21	-4	8.4	2.4
1.0	620	527	9.4		39					214	169	84	139		480	23	34	-1	9.4	2.2
1.5	623	663	8.4	18	42	9.5	133	152	382	219	186	87	160	240	508	24	39	-0.8	8.1	0
2.0	623	739	5.1	18	42	13	144	229	413	228	191	90	168	353	524	45	44	-0.2	7.5	
2.5	642	784	8.4	17	42	12	148	257	432	231	192	91	172	368	531	65	49			
3.0	652	817	8.3	19	41	12	152	266	445	234	194	92	172	550	534	84	49			
3.5	656	838					154	272	454	238	195	92	173	617	537	100				
4.0	657	841					155	274	462	241	194		175	692	538	120				
4.5	658	845					156	275	464	242			175	715	538	138				
5.0							155	274	463	243			174	754		150				
5.5										242				788		161				
6.0														801		170				
6.5														823		179				
7.0														841		188				
7.5														854		194				
8.0														868		200				
8.5																207				
9.0																211				

NOTES

INITIAL TIME indicates time analysis of gas from probe commenced.
All analysis for methylene chloride were completed on 04/08/87.
D indicates deep soil gas probe.
DUP indicates duplicate sampling and analysis.

TABLE 2 (con't)
SKINNER LANDFILL SOIL GAS PROBE DATA
TOLUENE (in ppm)

PROBE:	1D	1S	2D	2S	3D	3S	4	5D	5S	6	7	8	9	10	11	13S
INITIAL TIME:	10:51	11:03	11:28	11:32	11:37	11:41	12:05	11:46	11:48	12:10	12:14	11:09	12:19	12:24	12:29	11:54
BACKGROUND:	0	2.5	1.2	1.4	2.2	16	1.5	2.5	3	2.9	0.4	1.3	4.5	4	2.5	0.9
TIME (min)																
0.0	-0.2	2.5	1.2	1.4	2.2	16	1.5	2.5	3	2.9	0.4	1.3	4.5	4	2.5	0.9
0.5	1.6	94	0.2	363	1.1	650	41	2.7	40	97	130	222	140	98	38	2.8
1.0	105	127	0.7	517	1.1	755	46	3.2	51	128	168	310	189	122	46	89
1.5	179	140	1	562	0.7	765	49	4.3	56	140	179	339	203	133	52	211
2.0	253	145	0.9	569	1.2	768	47	3.4	59	146	186	354	212	139	54	277
2.5	306	148	1	570	0.8	769	47		61	149	188	361	216	141	55	330
3.0	348	148	1.7	568		768			61	149	189	361	218	141	54	401
3.5	385	149										366	221	141	52	451
4.0	410											367	218		50	497
4.5	433														49	537
5.0	451															567
5.5	467															594
6.0	481															617
6.5	492															640
7.0	500															658
7.5	506															673
8.0	515															687
8.5	519															695
9.0	524															704
9.5	527															715
10.0	531															725
10.5	534															

NOTES

INITIAL TIME indicates time analysis of soil gas using probe commenced.
All analysis for toluene were completed on 04/09/87.

TABLE 2 (con't)
SKINNER LANDFILL SOIL GAS PROBE DATA
BENZENE (in ppm)

PROBE:	1D	1S	2D	2S	3D	3S	4	5D	5S	6	7	8	9	10 CF	10 PF	11	19D	19S
INITIAL TIME:	8:41	8:51	8:57	9:02	9:08	9:13	9:18	9:43	9:50	9:55	10:00	9:23	10:06	10:12	10:18	10:24	9:31	9:35
BACKGROUND:	4.5	-0.5	-0.3	-1.5	0.8	1.2	3.1	3.5	5.1	5.2	6.8	1.1	5.2	4.9	4.9	4.2	3.3	2.4
TIME (min)																		
0.0	2.4	-0.5	-0.3	-1.5	0.8	1.2	3.1	3.5	5.1	5.2	6.8	1.1	5.2	4.9	5	4.2	3.3	2.4
0.5	-0.9	1.5	0.1	17	3.2	24	6.3	5.1	7.5	7.4	12	8.2	9.5	9.3	12	9.3	5.5	9.6
1.0	-0.6	5.6	0.2	26	3.3	34	9.7	6.7	11	13	16	13	12	11	14	12	7.9	19
1.5	0.9	7	0.3	29	3.3	40	10	8.6	11	15	17	18	14	13	15	12	8.6	25
2.0	3.2	7.6	0.4	31	3.3	43	11	9	13	16	19	20	16	15	15	12	9.8	28
2.5	10.9	9	1.1	31	3.5	44	11	9.5	13	16	20	22	17	16	15	13	10	31
3.0	12	10	1.2	32	3	44	12	9.3	14	17	20	23	17	16	15	12	10	32
3.5	17	11	0.7					9.9			21	23	19					33
4.0	22	11						10			21	23	19					34
4.5	27											24						
5.0	30											23						
5.5	35																	
6.0																		
6.5	44																	
7.0	46																	
7.5	50																	
8.0																		
8.5																		
9.0																		

NOTES

INITIAL TIME indicates time analysis of soil gas using probe commenced.
All analysis for benzene were completed on 04/09/87.
S indicates shallow probe, D indicates deep soil gas probe.
CF indicates cotton filter, PF indicates paper filter.

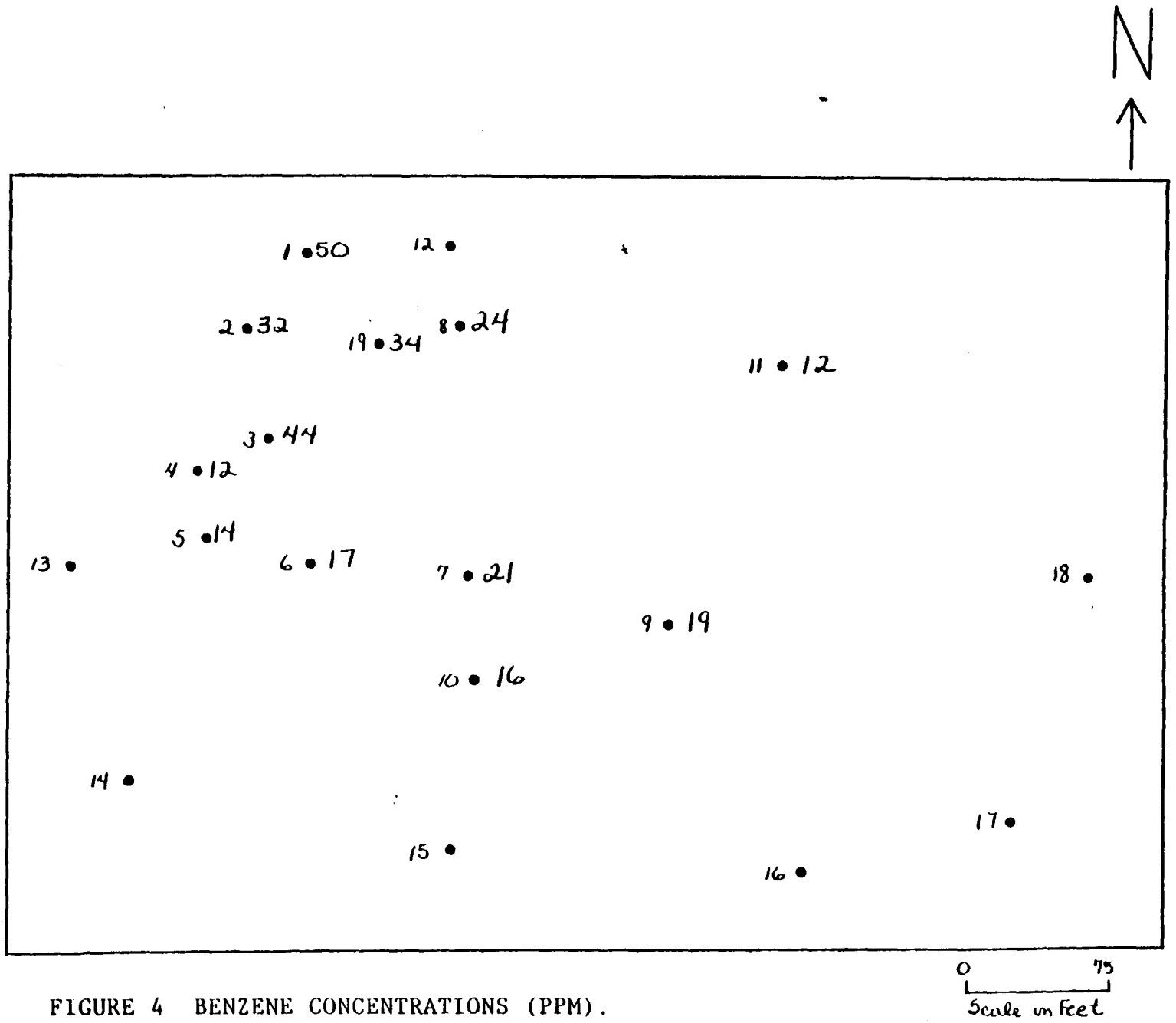

FIGURE 4 BENZENE CONCENTRATIONS (PPM).

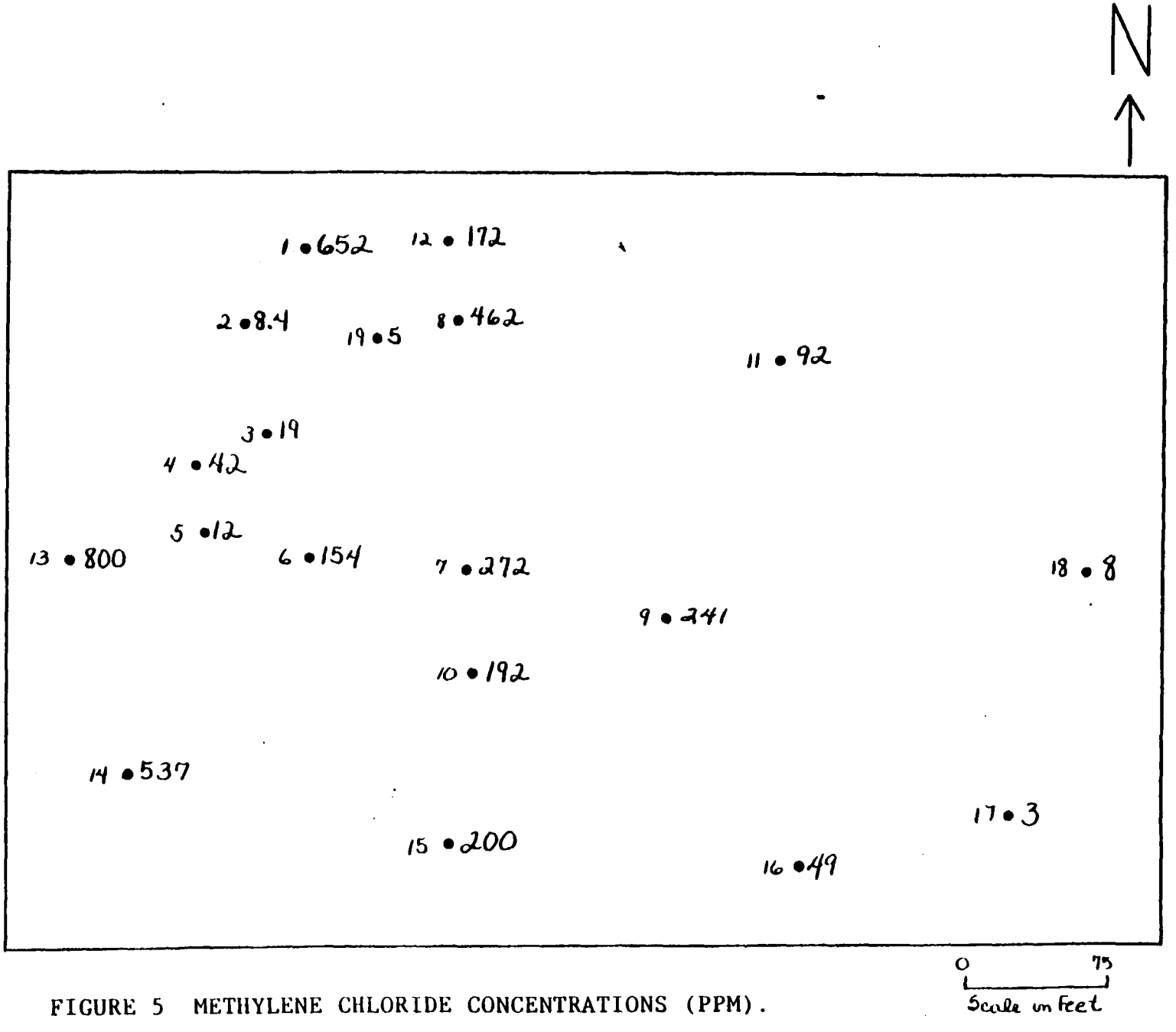

FIGURE 5 METHYLENE CHLORIDE CONCENTRATIONS (PPM).

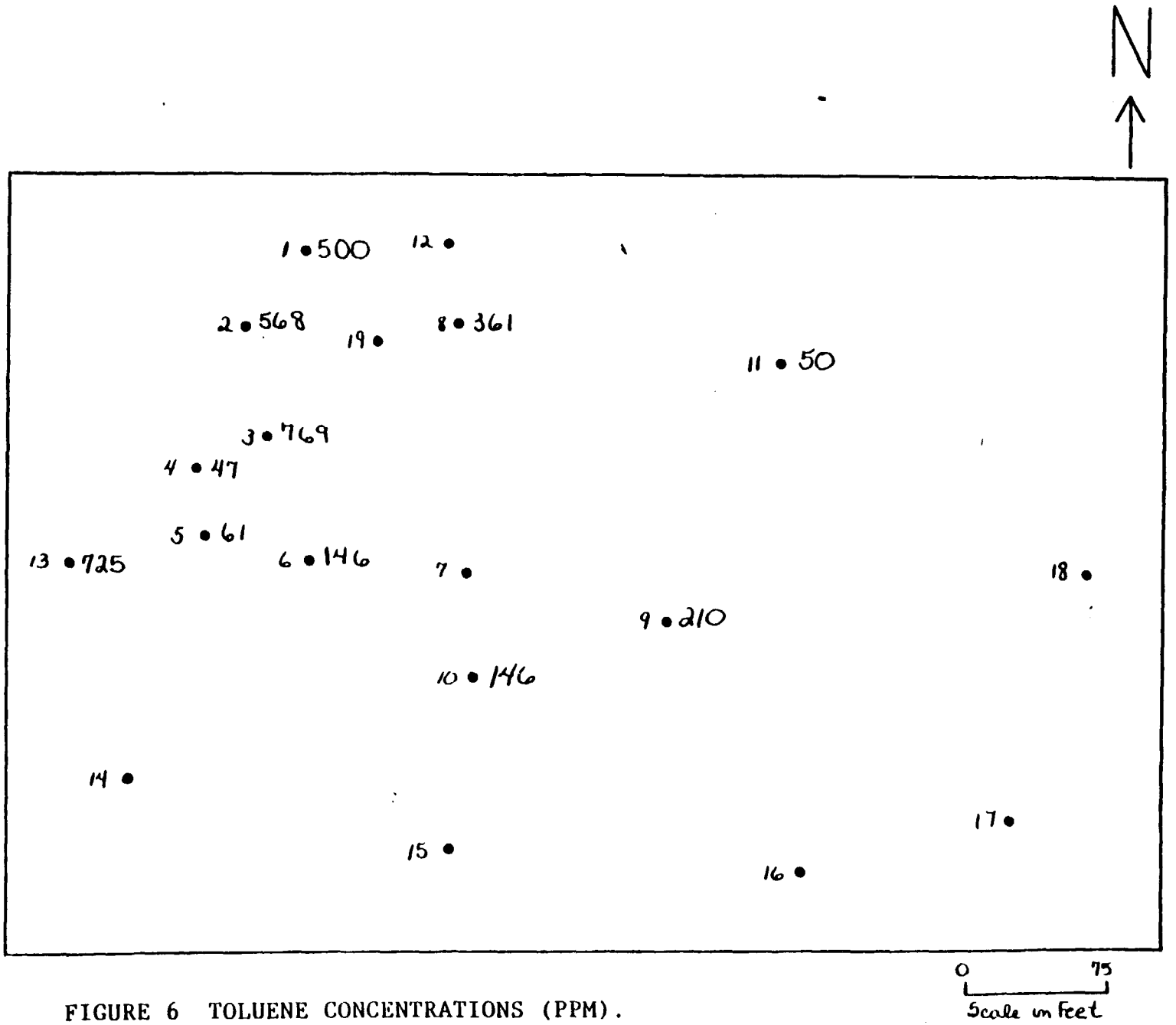

FIGURE 6 TOLUENE CONCENTRATIONS (PPM).

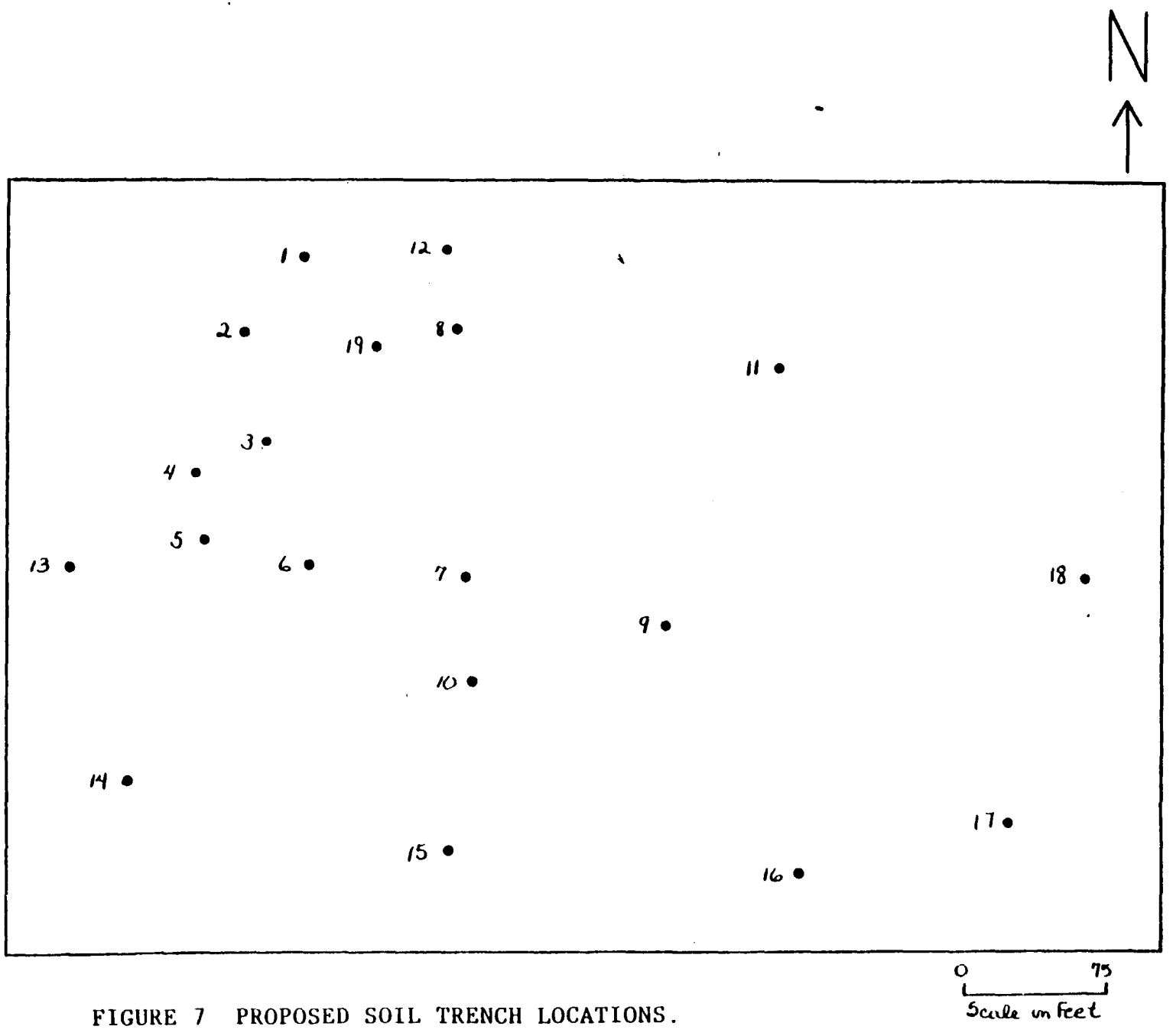

FIGURE 7 PROPOSED SOIL TRENCH LOCATIONS.

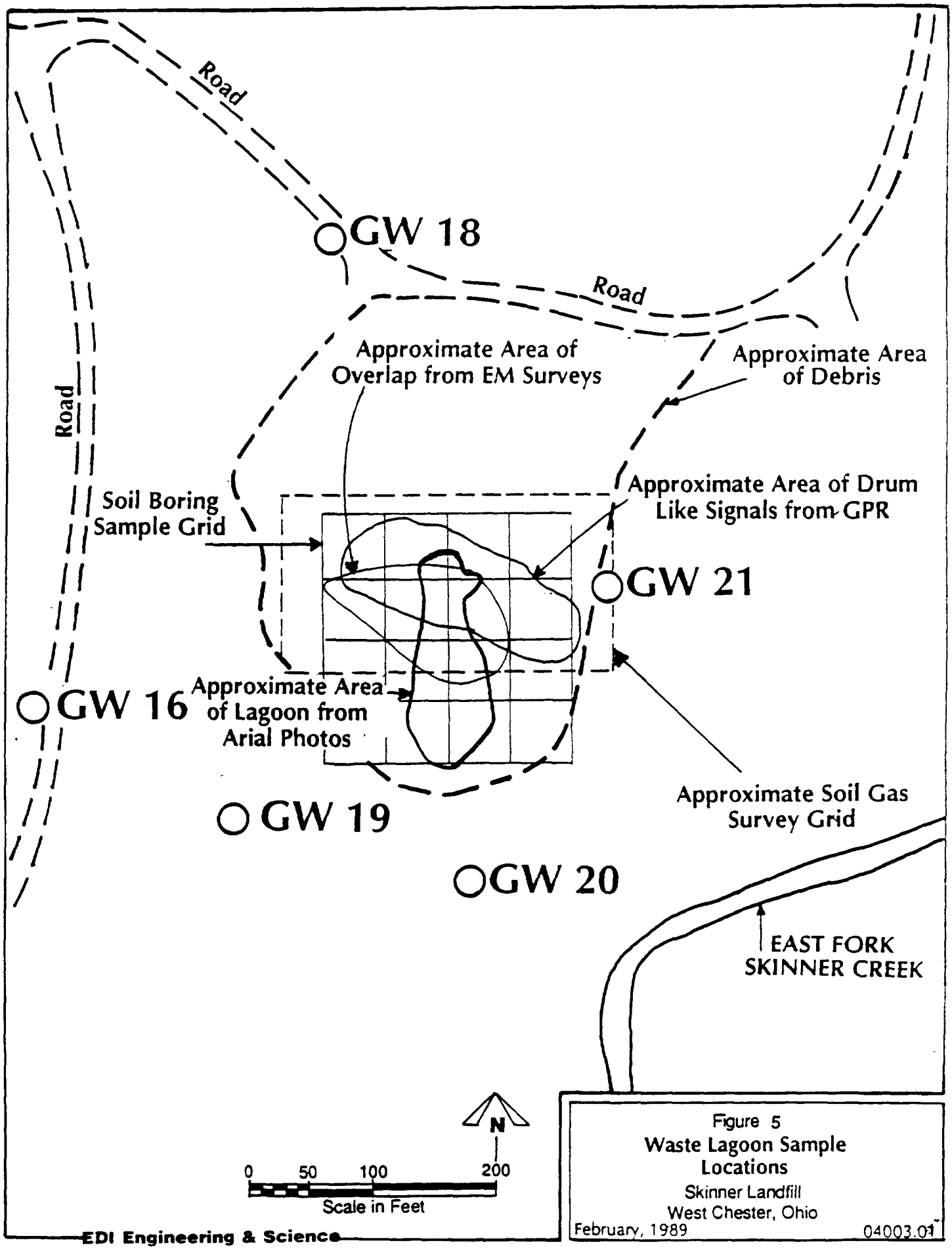

Figure 5
Waste Lagoon Sample Locations
Skinner Landfill
West Chester, Ohio
February, 1989
04003.01

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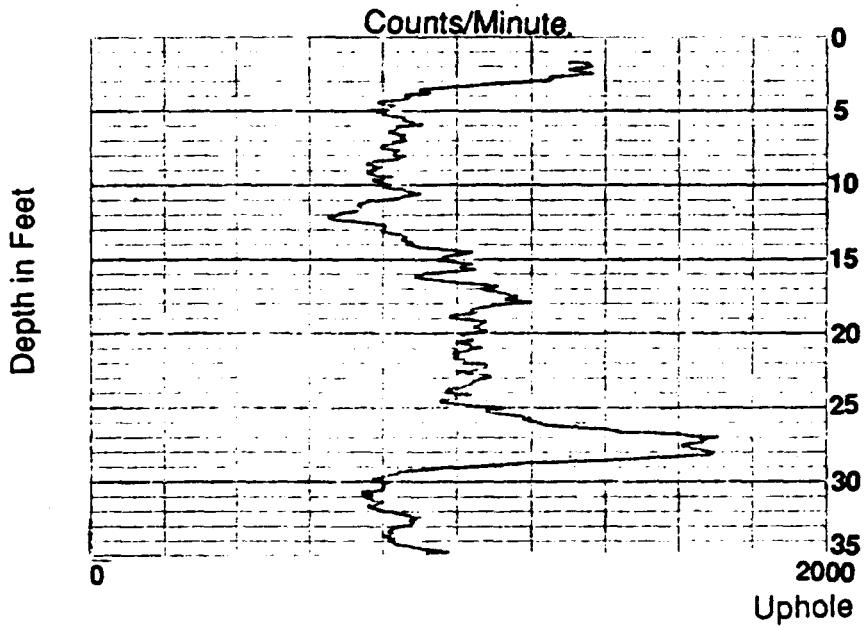
Appendix D
Geophysical Logs
(Phase II)

Gamma Log



Module Sensitivity= 1 K
Recorder Sensitivity= .2
Chart Speed= 5
Logging Speed= 5 FPM
Time Constant= 10

GW-06

Bore Hole,Gamma Log

Skinner Landfill

May, 1990 04003

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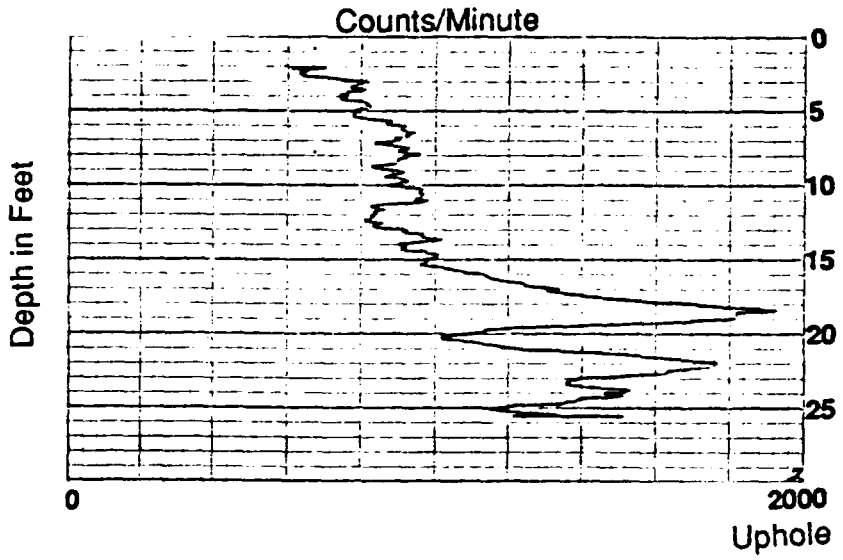
Gamma Log



Module Sensitivity= 1K
Recorder Sensitivity= .2
Chart Speed= 5
Logging Speed= 5 FPM
Time Constant= 10

GW-09

Bore Hole,Gamma Log

Skinner Landfill

May, 1990 04003

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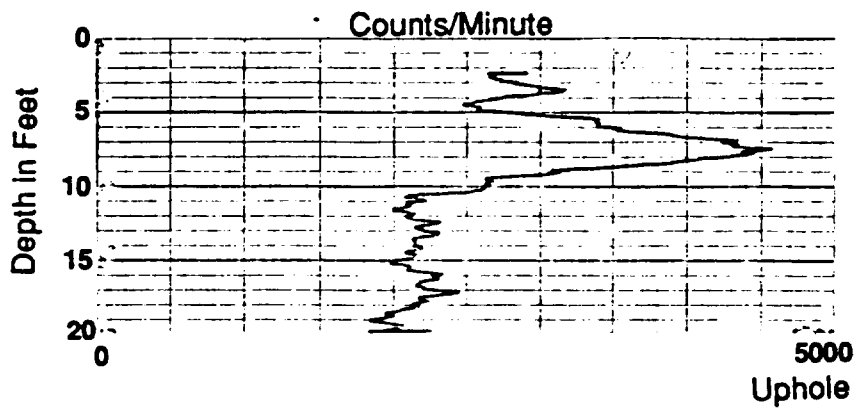
Gamma Log



Time Constant= 10
Module Sensitivity= 1K
Recorder Sensitivity= .5
Chart Speed= 5
Logging Speed= 5 FPM

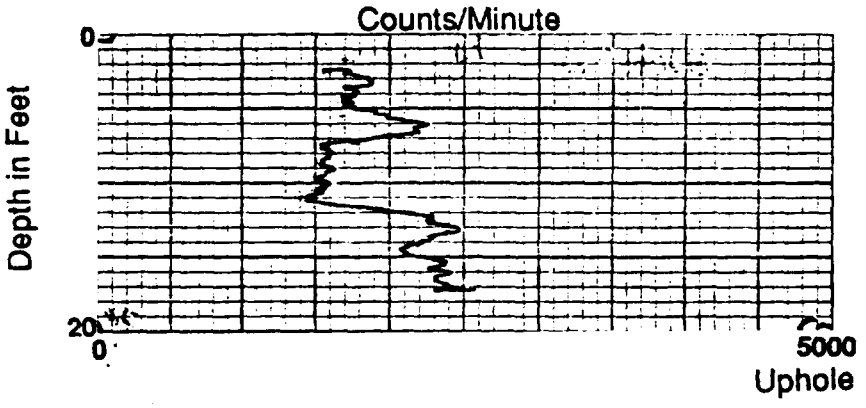
GW-14

Bore Hole,Gamma Log

Skinner Landfill

May, 1990 04003

Gamma Log



Time Constant= 10
Recorder Sensitivity= .5
Chart Speed= 5
Logging Speed= 5 FPM
Module Sensitivity= 1K

GW-15

Bore Hole,Gamma Log

Skinner Landfill

May, 1990 04003

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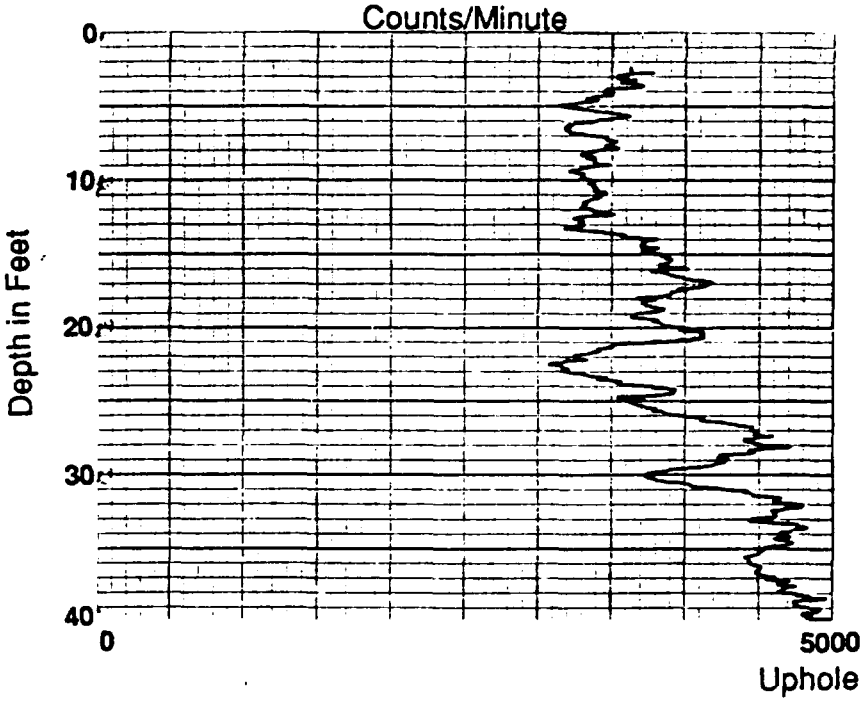
Gamma Log



Module Sensitivity= 1K
Recorder Sensitivity= .5
Chart Speed= 5
Logging Speed= 5 FPM
Time Constant= 10

GW-17

Bore Hole, Gamma Log

Skinner Landfill

May, 1990 04003

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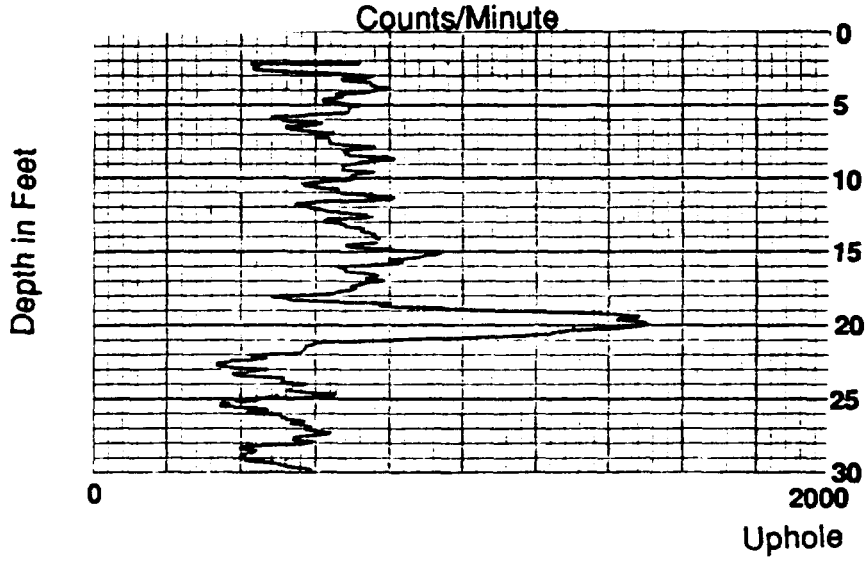
Gamma Log



Time Constant= 5
Module Sensitivity= 1K
Recorder Sensitivity= 0.2
Chart Speed= 5
Logging Speed= 5 FPM

GW-19

Bore Hole,Gamma Log

Skinner Landfill

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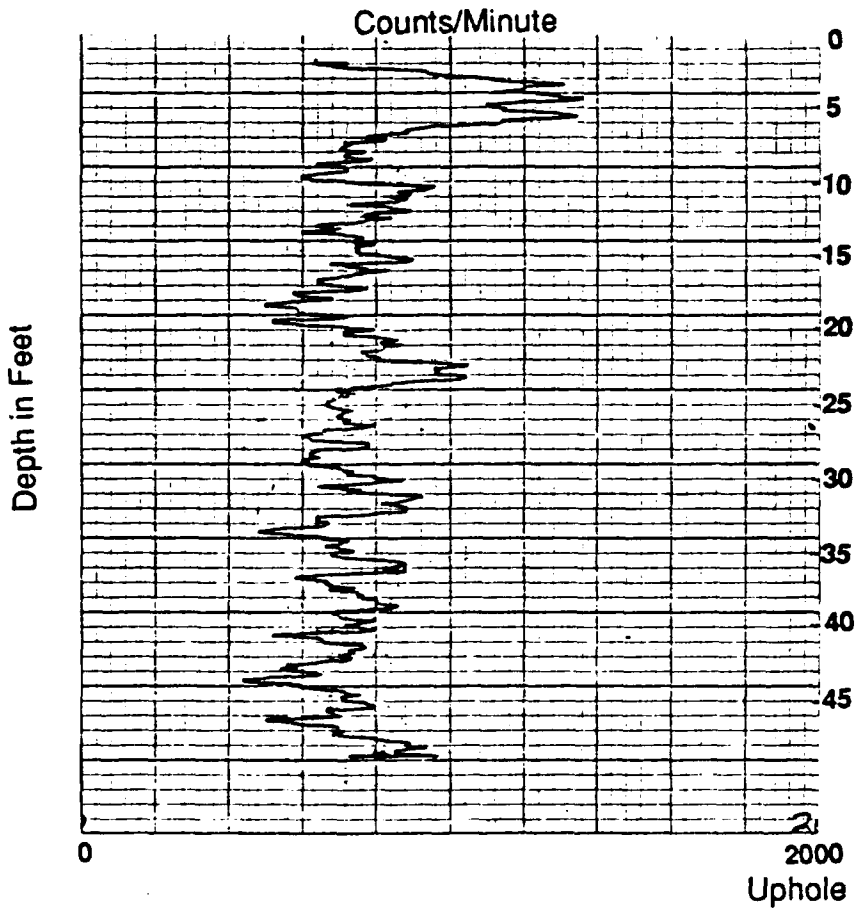
Gamma Log



Module Sensitivity= 1 K
Recorder Sensitivity= .2
Chart Speed= 5
Logging Speed= 5 FPM
Time Constant= 5

GW-20

Bore Hole, Gamma Log

Skinner Landfill

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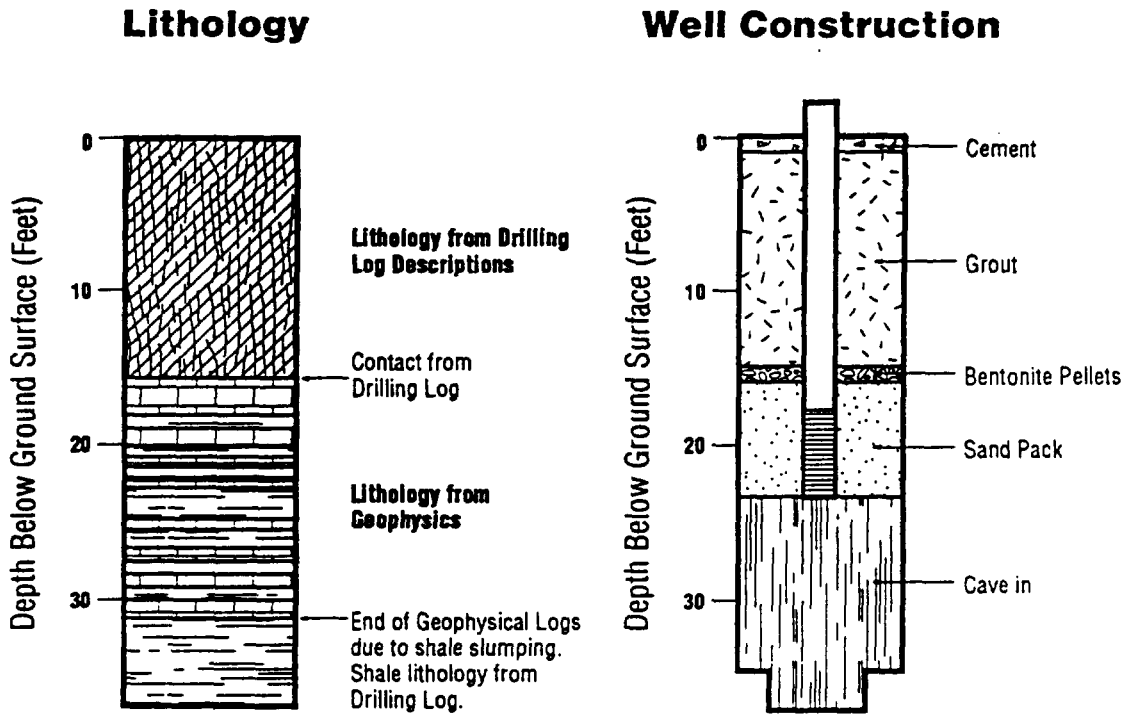


Top of Casing Elevation: *646.12'*
Logs Completed: *Gamma*
Self Potential
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

Limestone

Shale

Silty Clay

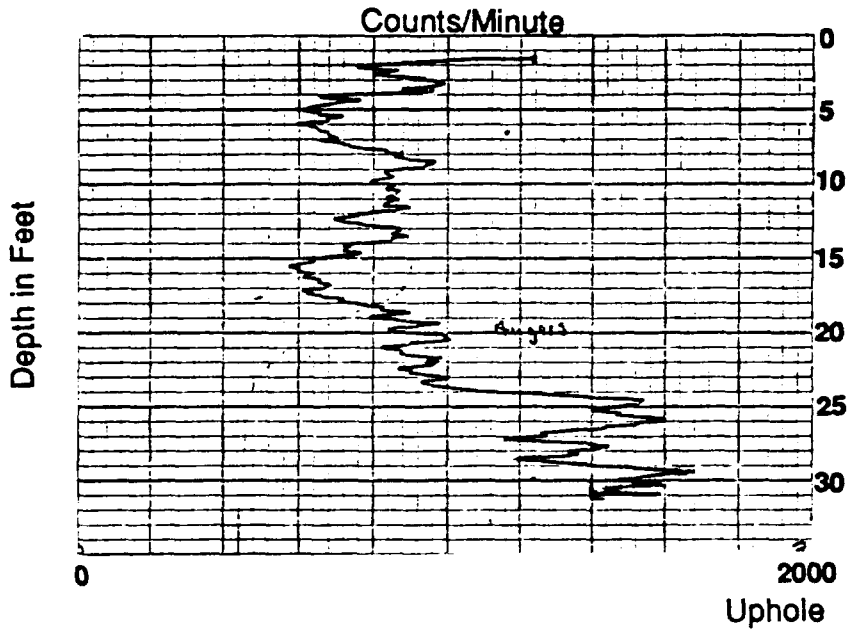
Figure 1

Lithology and Well Construction GW-24

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14

Gamma Log



Recorder Sensitivity= .2
Time Constant= 10
Module Sensitivity= 1K
Logging Speed= 5 FPM
Chart Speed= 5

GW-24

Bore Hole,Gamma Log

Skinner Landfill

May, 1990 04003

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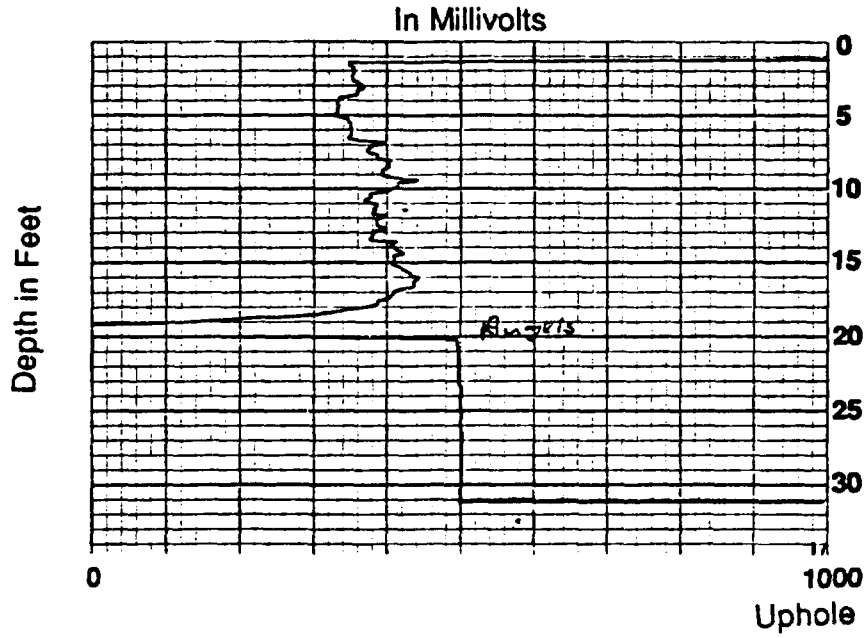
Self Potential Log



Module Sensitivity= 100
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 5 FPM

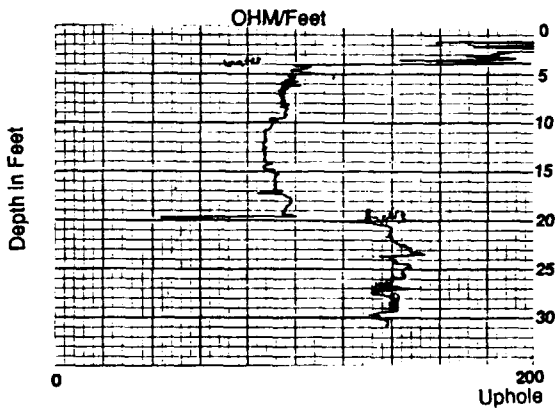
GW-24

Bore Hole,Self Potential Log

Skinner Landfill

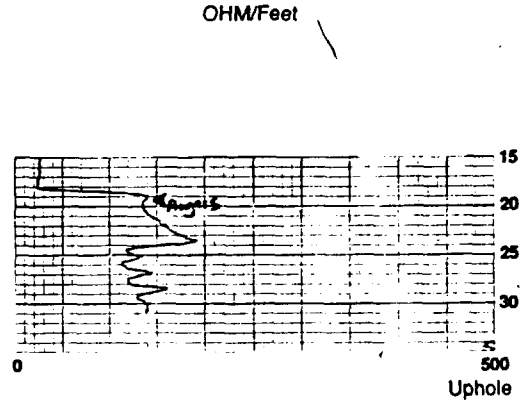
May, 1990 04003

Resistivity
(Single Point)



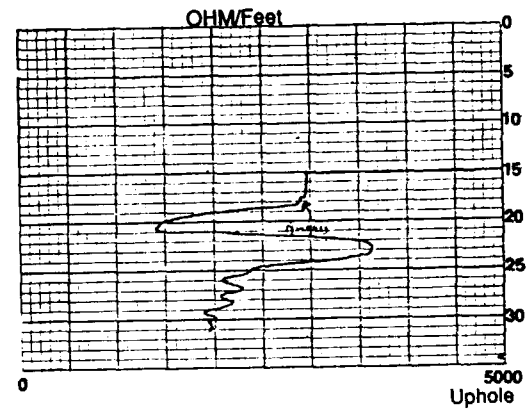
Module Sensitivity= 20
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 5 FPM
Current=5 ma

Resistivity
(.25N)



Module Sensitivity= 100
Recorder Sensitivity= 0.5
Chart Speed= 5
Logging Speed= 5 FPM
Current= 5 ma
Multiplacation Factor= 1

Resistivity
(2.5N)



Module Sensitivity= 10
Recorder Sensitivity= 5
Chart Speed= 5
Logging Speed= 5 FPM
Multiplacation Factor= 10

GW-24

Bore Hole, Resistivity Logs

Skinner Landfill

May, 1990 04003

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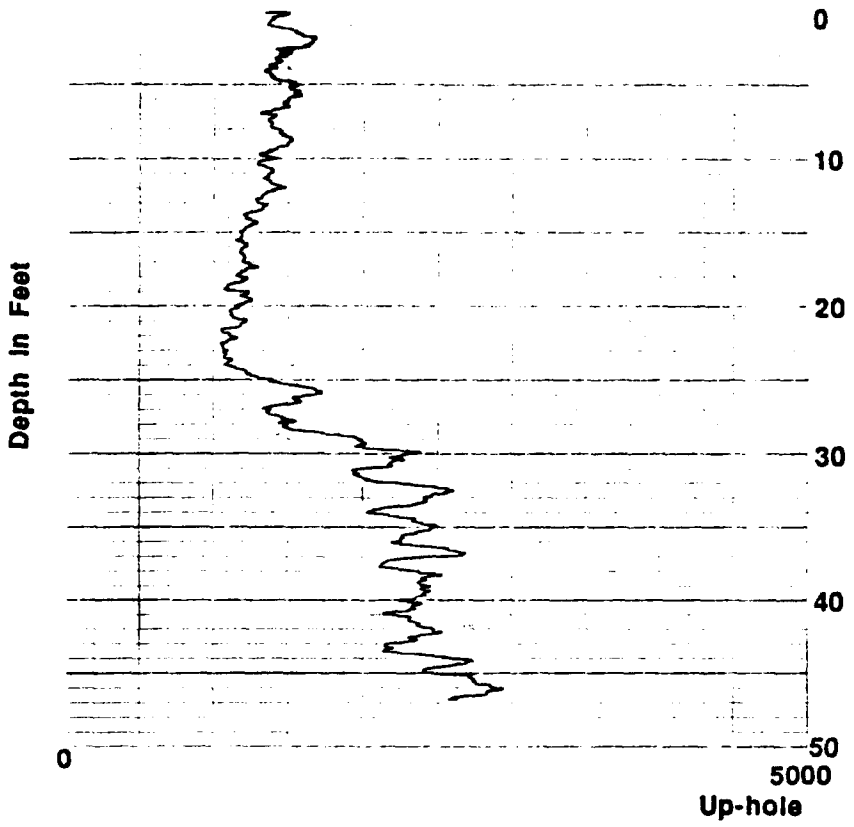
Gamma Log

Counts/Minute



Module Sensitivity = 1K
Recorder Sensitivity = 0.5
Logging Speed = 5 FPM
Chart Speed = 5
Time Constant = 10

SL-GW 26

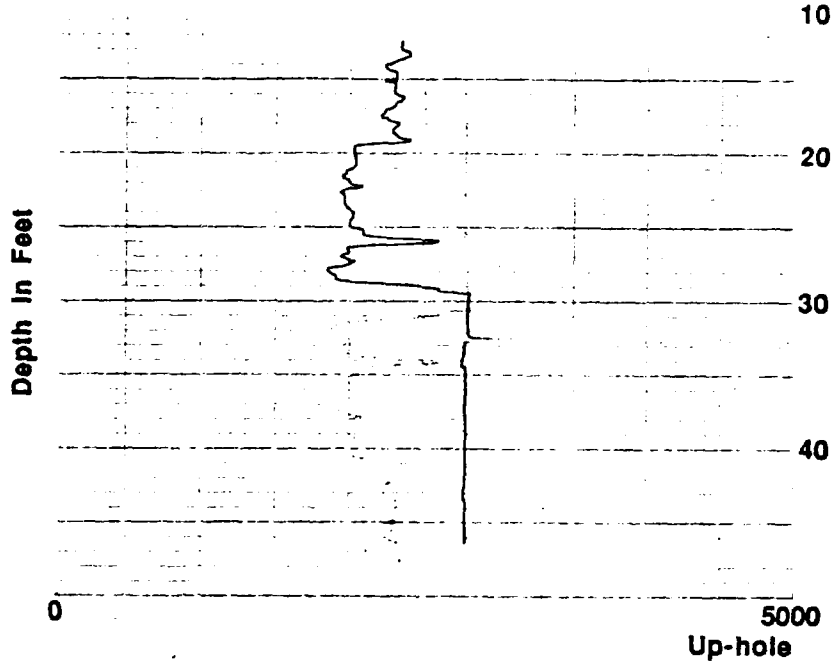
Bore-Hole Gamma Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science

Self Potential
in Millivolts



Module Sensitivity = 100
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

SL-GW 26

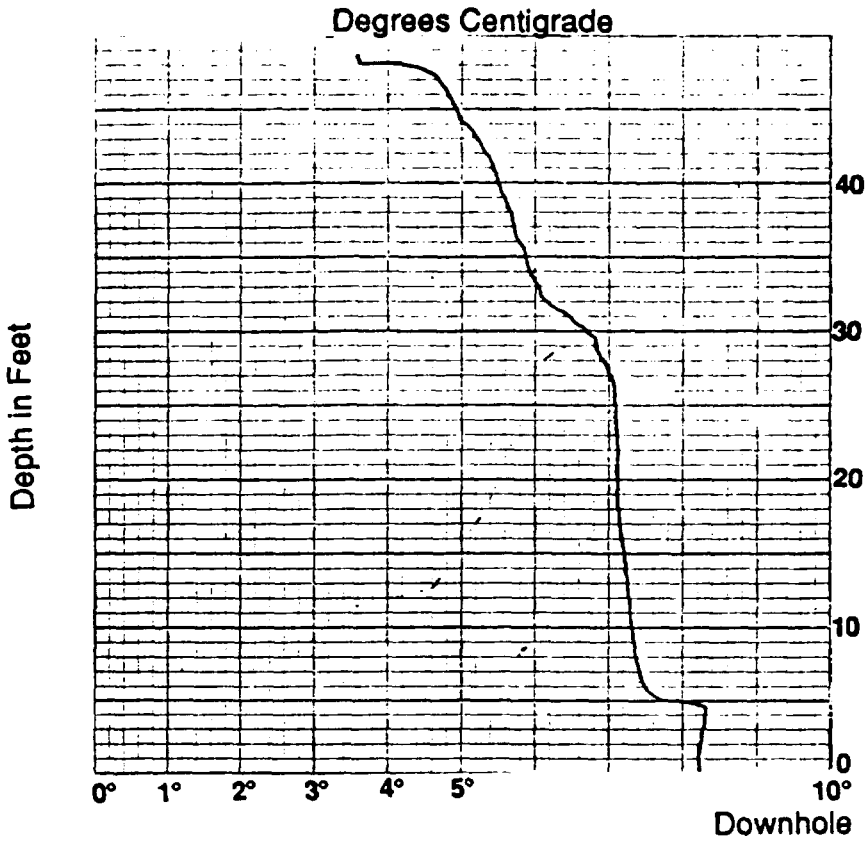
Bore-Hole Self Potential Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science

Temperature Log



Recorder Sensitivity= 1
Time Constant= 10
Module Sensitivity= 1
Logging Speed= 5 FPM

SL-GW-26

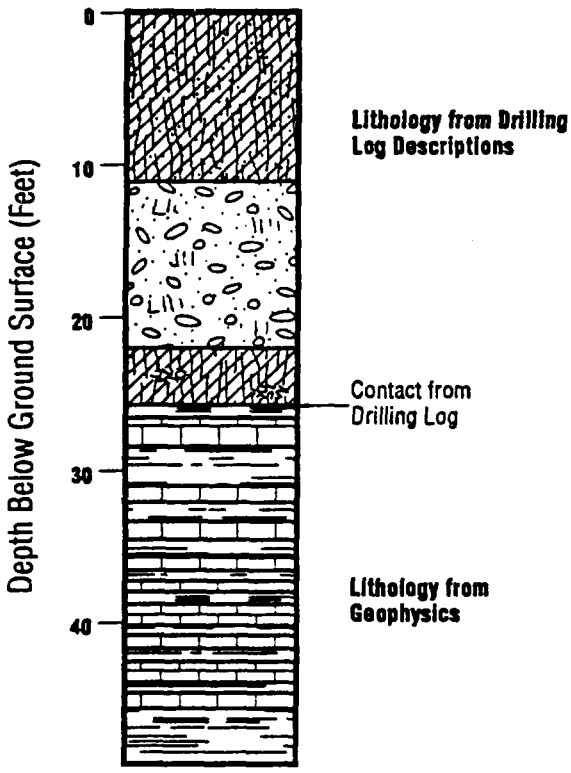
Bore Hole,Temperature Log

Skinner Landfill

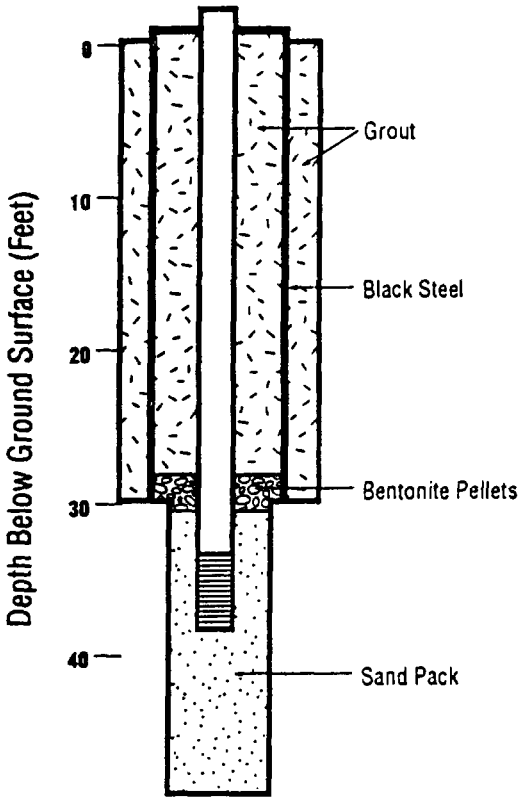
May, 1990 04003

WW Engineering & Science

Lithology



Well Construction



Top of Casing Elevation: *699.27'*
Logs Completed: *Gamma*
Self Potential
Temperature
.25 N Resistivity
2.5 N Resistivity

LEGEND

- Limestone
- Shale
- Silty Clay, Sandy
- Sand & Gravel w/ Trace of Silt
- Silty Clay w/ Trace of Gravel

Figure 2

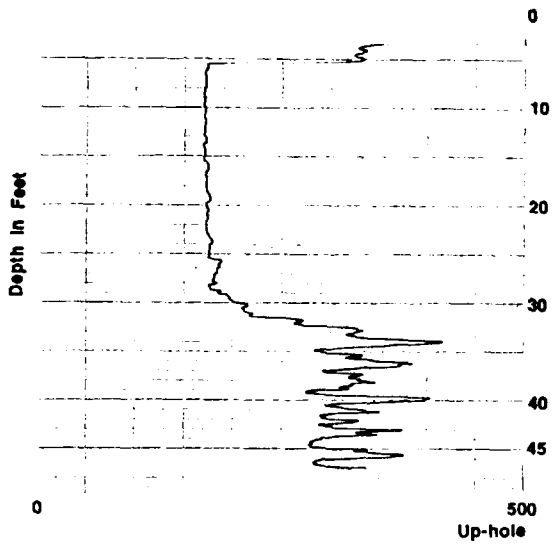
Lithology and Well Construction GW-26

Skinner Landfill
West Chester, Ohio

October, 1990 04003.14

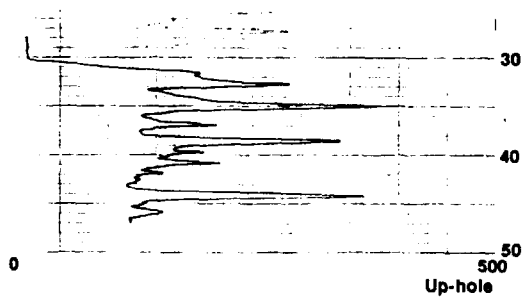
WW Engineering & Science

Single Point Resistivity
OHM/Feet



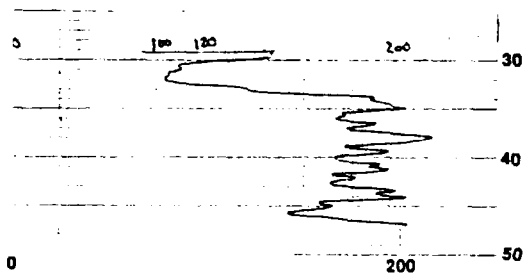
Module Sensitivity = 50
Recorder Sensitivity = 0.5
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

0.25 N Resistivity
OHM/Feet



Module Sensitivity = 50
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

2.5 N Resistivity
OHM/Feet



Module Sensitivity = 10
Recorder Sensitivity = 0.2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

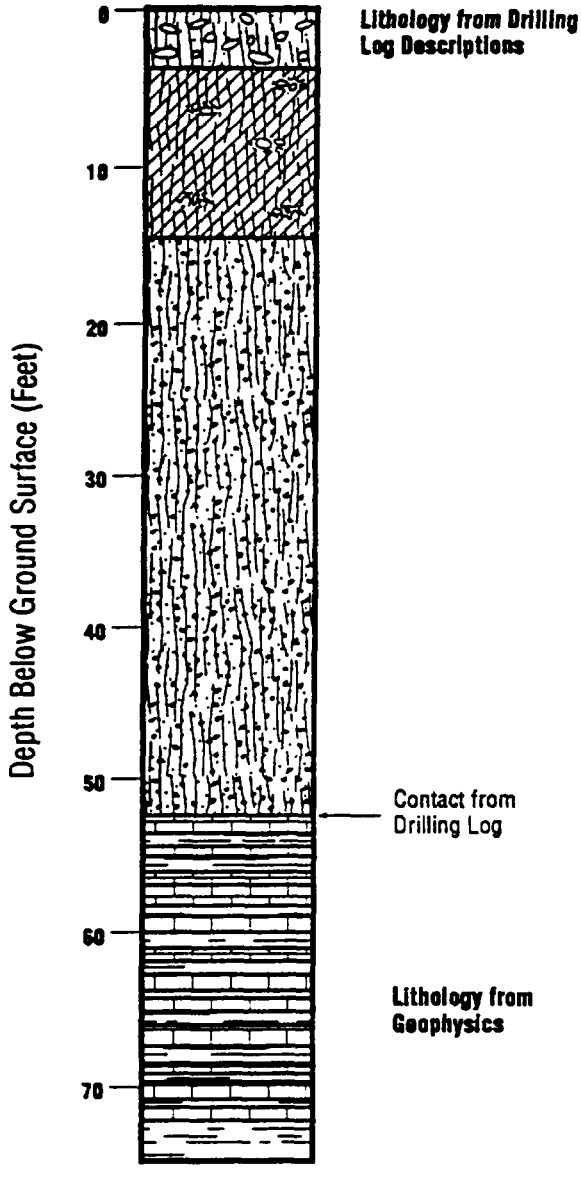
SL-GW 26

Bore-Hole Resistivity Logs

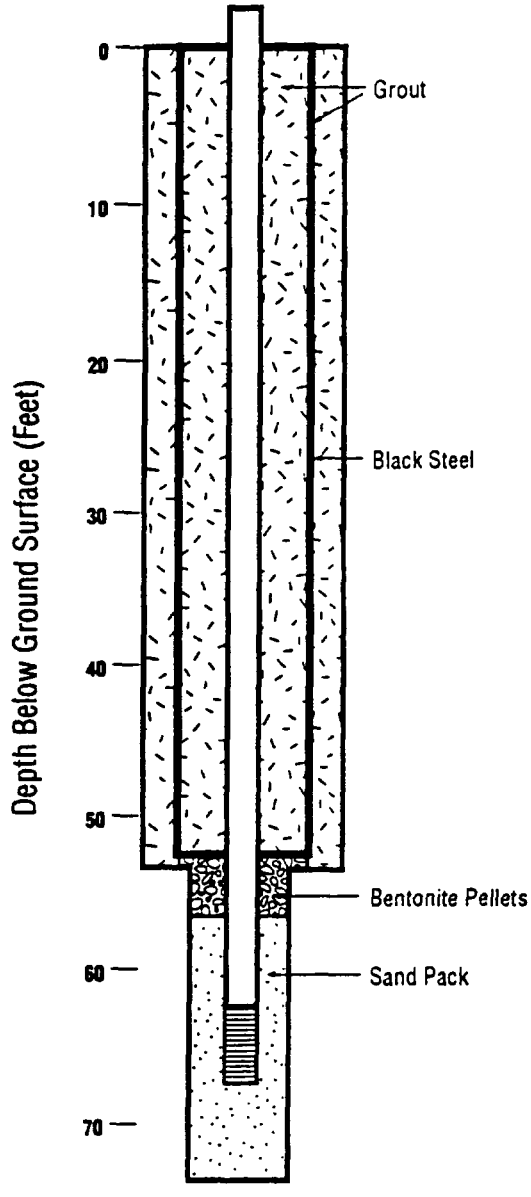
Skinner Landfill

May, 1990 04003

Lithology



Well Construction



LEGEND

- Limestone
- Shale
- Silty Clay w/ Trace of Gravel
- Sand & Gravel, Silty
- Sand & Gravel, Occasional Silt

Top of Casing Elevation: *736.73'*
Logs Completed: *Gamma*
Self Potential
Temperature
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

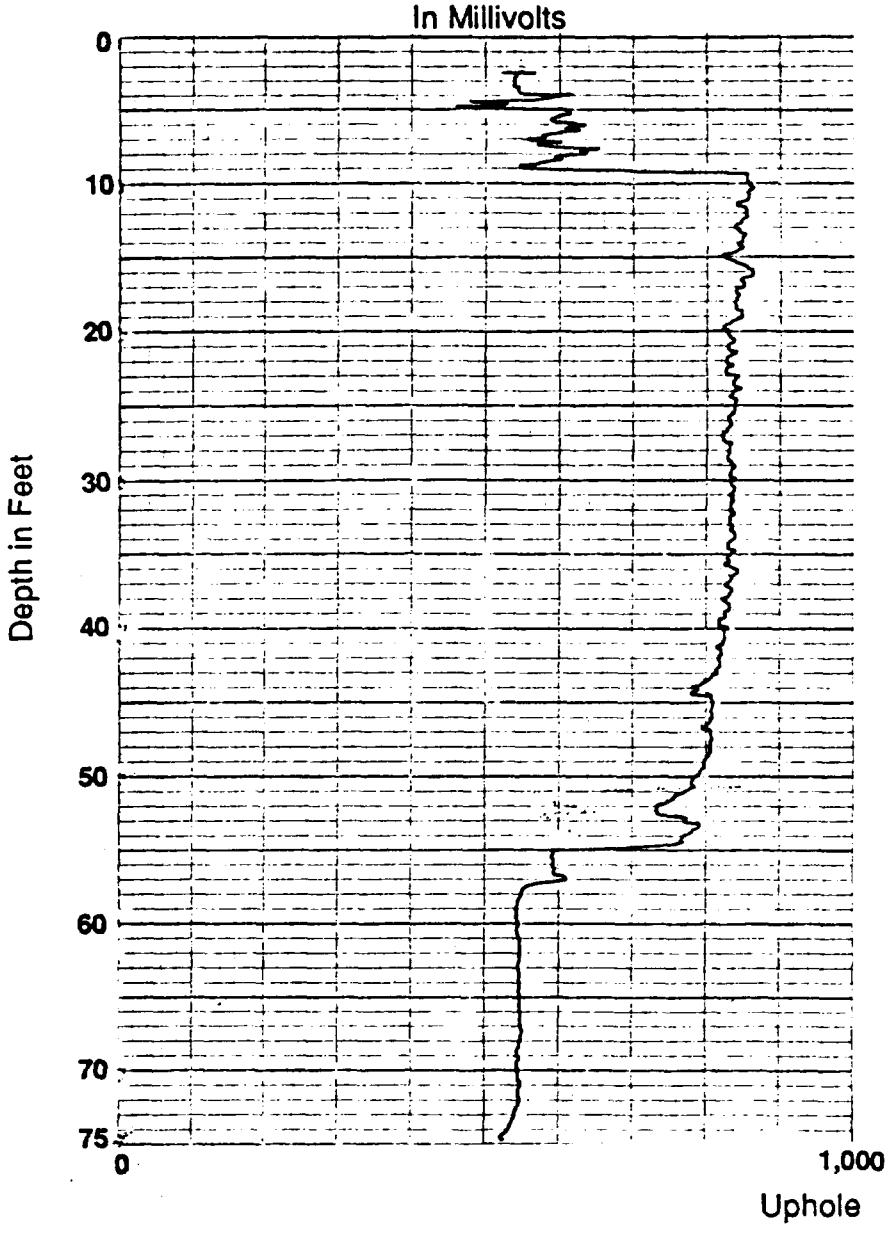
Figure 3

Lithology and Well Construction G-27

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14

Self Potential Log



Module Sensitivity= 100
Recorder Sensitivity= 1
Normal Positive

GW-27

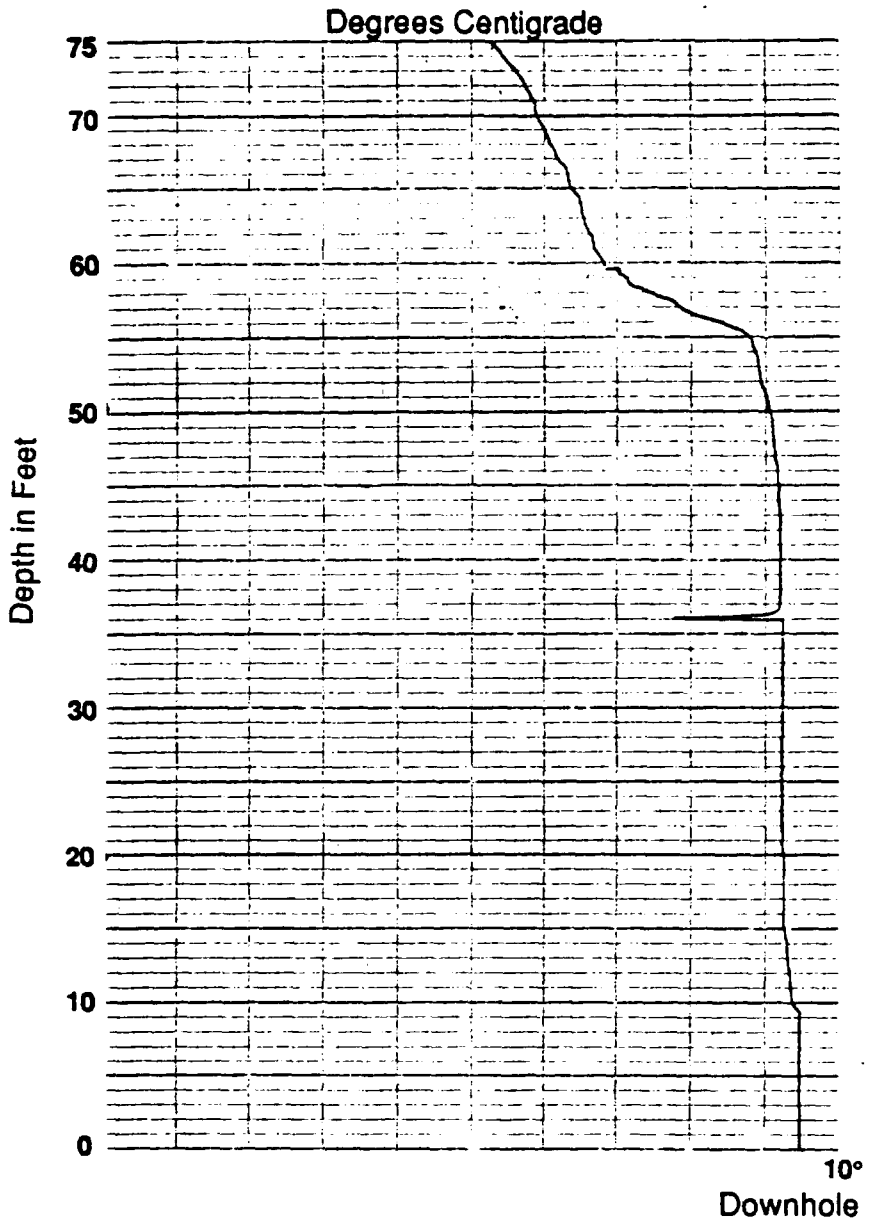
Bore Hole,Self Potential Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science

Temperature Log



Module Sensitivity= 1
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 5 FPM

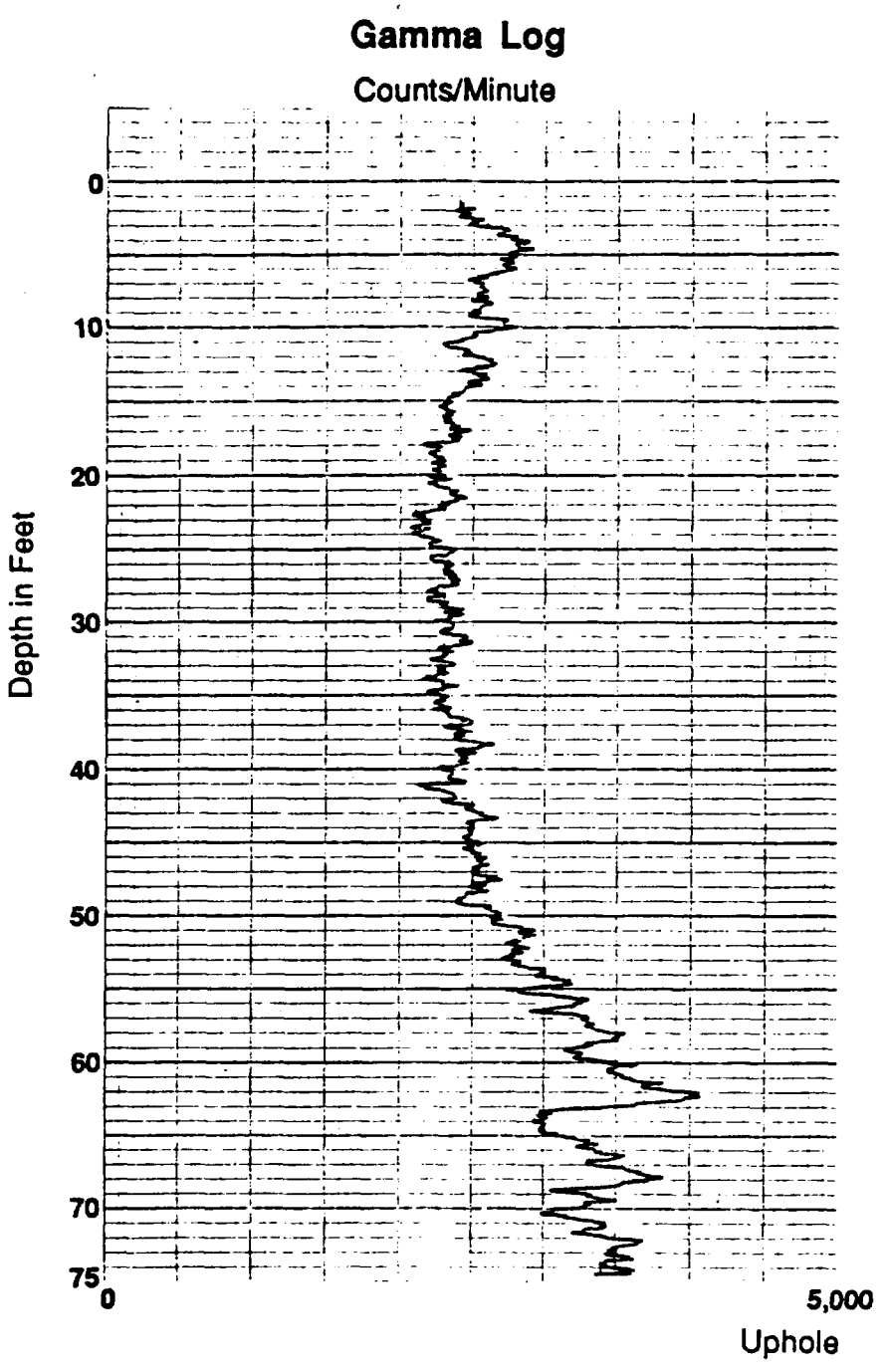
GW-27

Bore Hole, Temperature Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science



Time Constant= 10
Module Sensitivity= 1K
Recorder Sensitivity= .5
Logging Speed= 5 FPM
Chart Speed= 5

GW-27

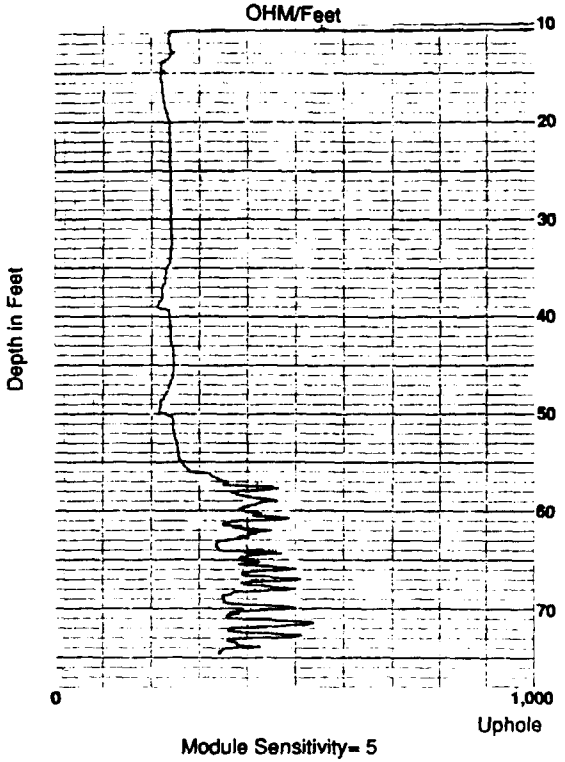
Bore Hole, Gamma Log

Skinner Landfill

May, 1990

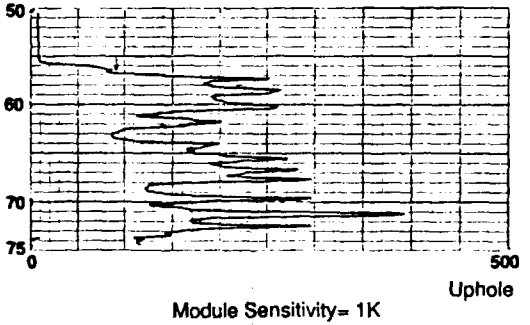
04003

Resistivity
(Single Point)



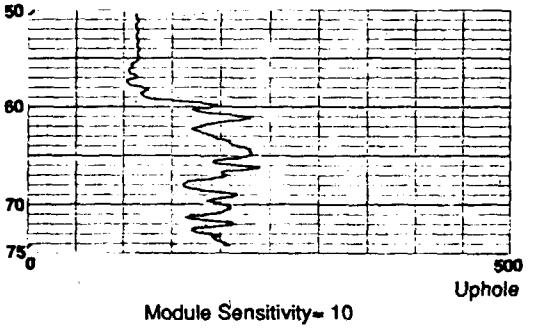
Module Sensitivity= 5
Recorder Sensitivity= 2
Chart Speed= 5
Logging Speed= 5 FPM
Multiplication Factor=10

Resistivity
(.25N)
OHM/Feet



Module Sensitivity= 1K
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 10 FPM
Time Constant=10

Resistivity
(2.5 N)
OHM/Feet



Module Sensitivity= 10
Recorder Sensitivity= .5
Chart Speed= 5
Logging Speed= 5 FPM
Multiplication Factor=10

GW-27

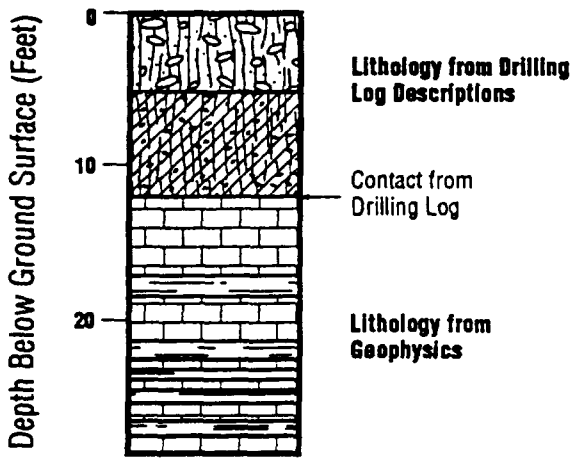
Bore Hole,Resistivity Logs

Skinner Landfill

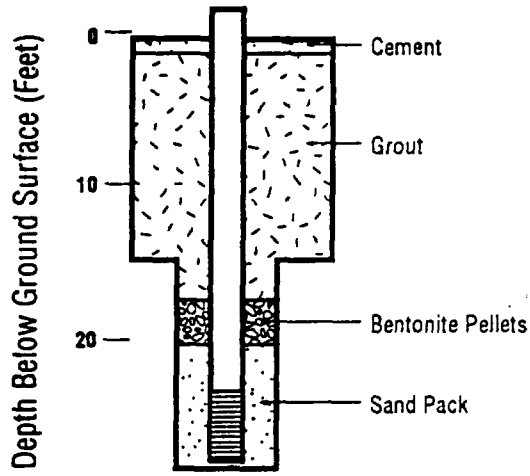
May, 1990 04003

WW Engineering & Science

Lithology



Well Construction



Top of Casing Elevation: *688.25'*
Logs Completed: *Gamma*
Self Potential
Temperature
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

- Limestone
- Shale
- Sand & Gravel w/ Occasional Silt
- Clay, Silty w/ some Gravel

Figure 4

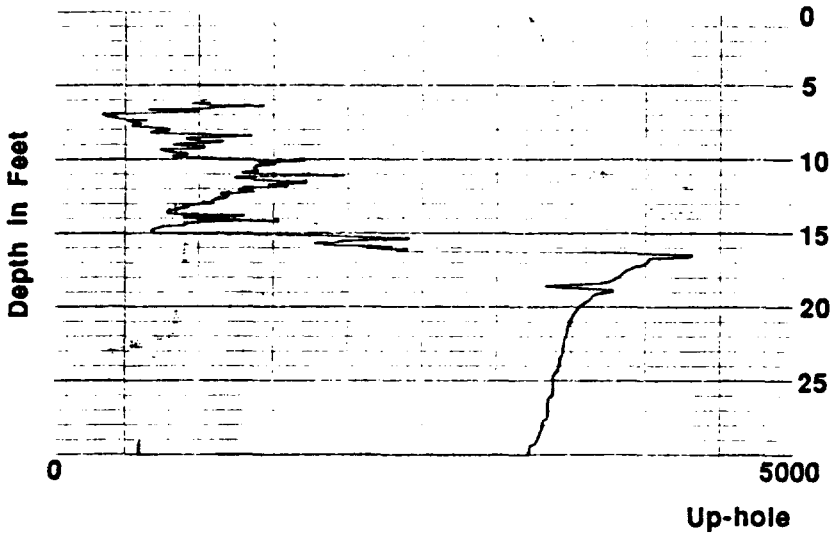
Lithology and Well Construction GW-28

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14

Self Potential

Millivolts



Module Sensitivity = 20
Recorder Sensitivity = 2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

GW 28

Bore-Hole Self Potential Log

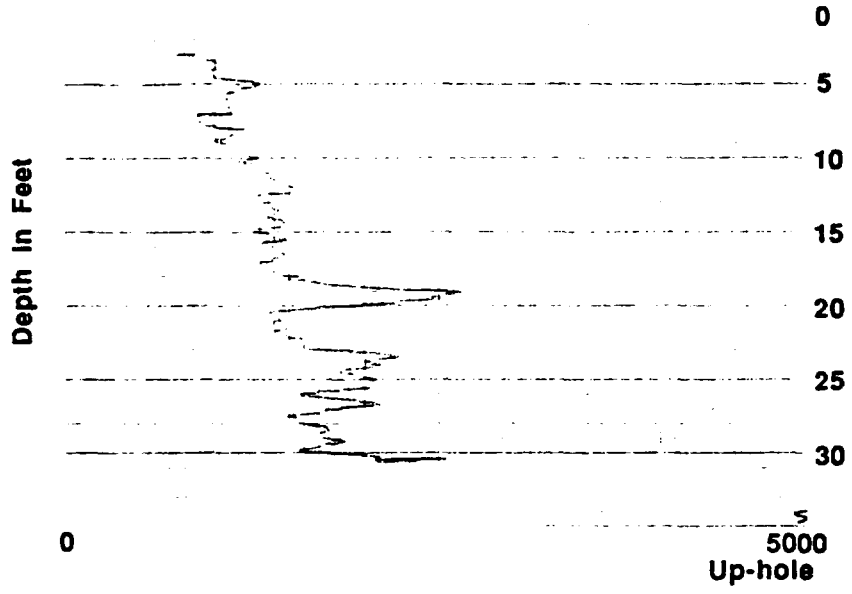
Skinner Landfill

May, 1990 04003

WW Engineering & Science

Gamma Log

Counts/Minute



Module Sensitivity = 1K
Recorder Sensitivity = 0.5
Logging Speed = 5 FPM
Chart Speed = 5
Time Constant = 5

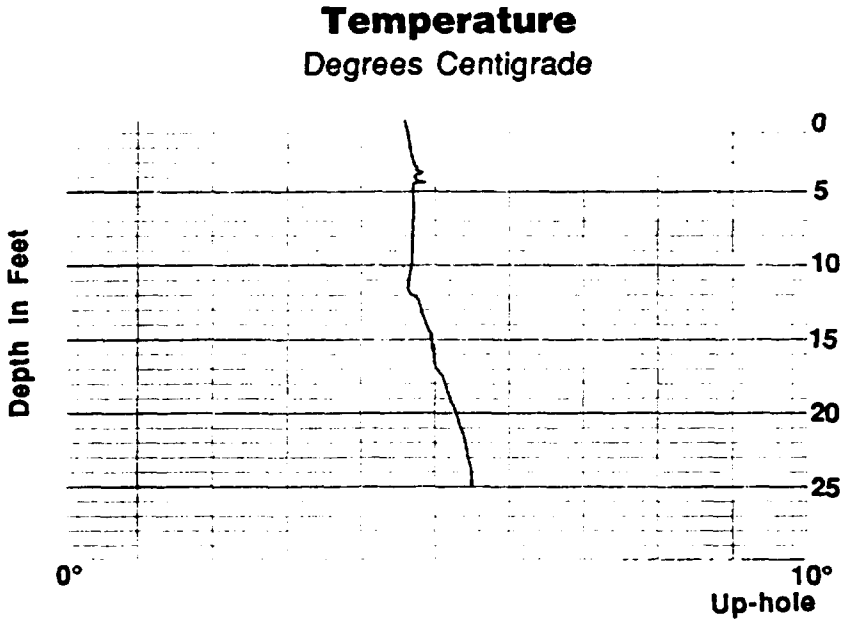
GW 28

Bore-Hole Gamma Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science



Module Sensitivity = 1
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

GW 28

Bore-Hole Temperature Log

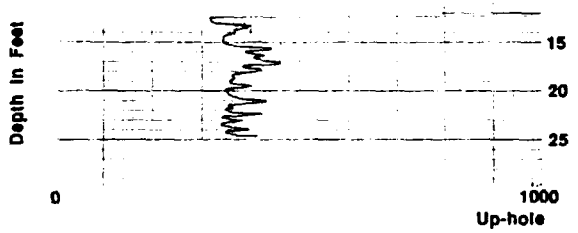
Skinner Landfill

May, 1990

04003

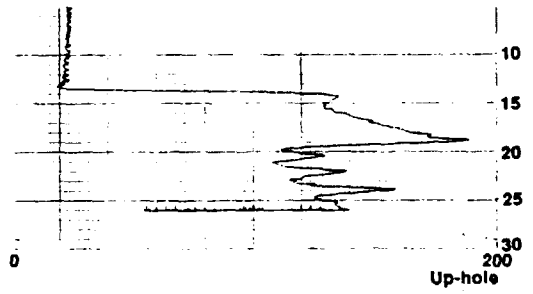
WW Engineering & Science

Single Point Resistivity
OHM/Feet



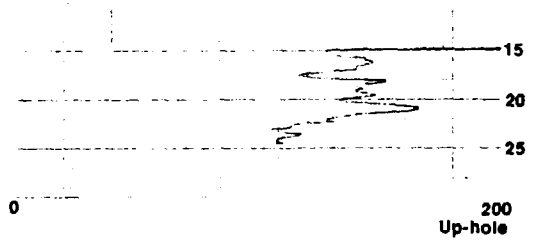
Module Sensitivity = 50
Recorder Sensitivity = 0.2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

0.25 N Resistivity
OHM/Feet



Module Sensitivity = 100
Recorder Sensitivity = 2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

2.5 N Resistivity
OHM/Feet



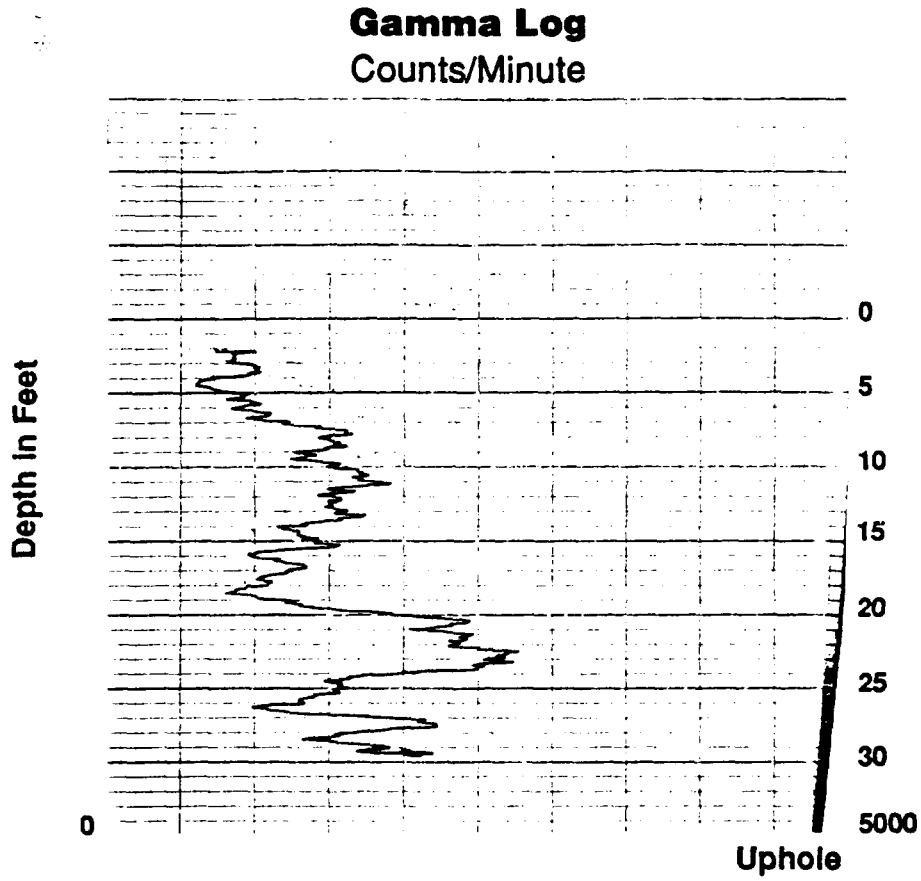
Module Sensitivity = 10
Recorder Sensitivity = 0.2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

GW 28

Bore-Hole Resistivity Logs

Skinner Landfill

May, 1990 04003



Time Constant = 5
Module Sensitivity = 1K
Recorder Sensitivity = .5
Logging Speed = 5 FPM
Chart Speed = 5

GW-29

Bore-Hole Gamma Log

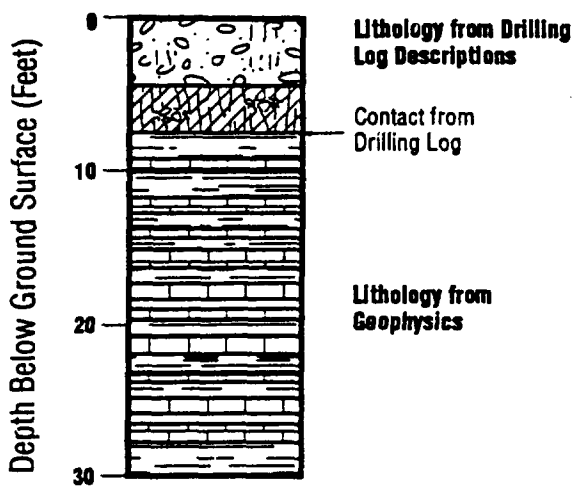
Skinner Landfill

May, 1990

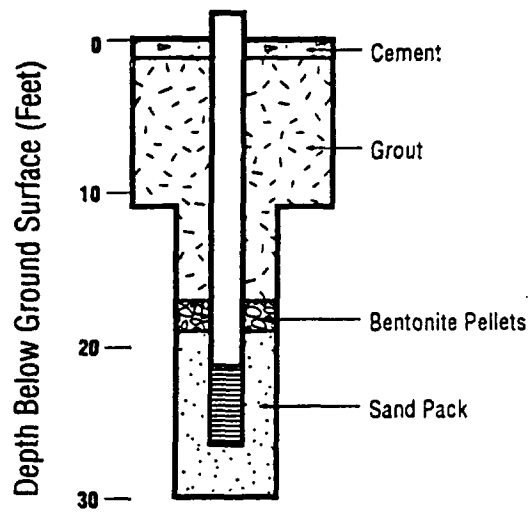
04003

WW Engineering & Science

Lithology



Well Construction



Top of Casing Elevation: *678.62'*
Logs Completed: *Gamma*
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

- Limestone
- Shale
- Sand & Gravel w/ Trace of Silt
- Clay & Silt w/ Trace of Gravel

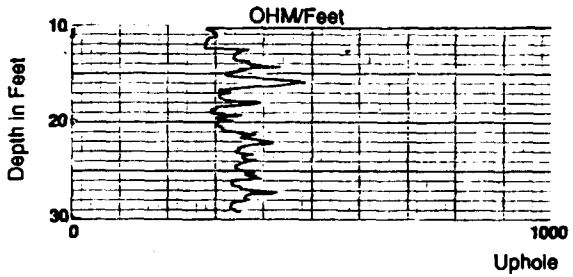
Figure 5

Lithology and Well Construction GW-30

Skinner Landfill
West Chester, Ohio

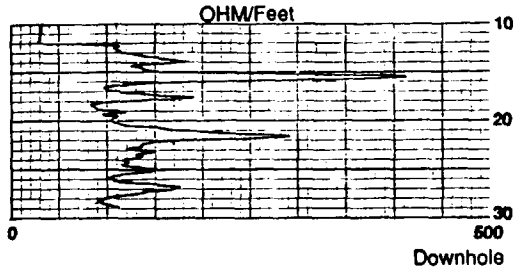
February, 1991 04003.14

Resistivity
(Single Point)



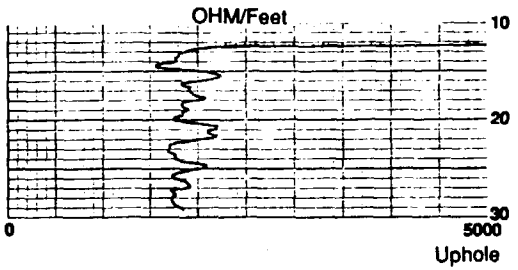
Module Sensitivity= 50
Recorder Sensitivity= 2
Chart Speed= 5
Logging Speed= 5 FPM

Resistivity
(.25N)



Module Sensitivity= 50
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 5 FPM
Multipication Factor=1

Resistivity
(2.5N)



Module Sensitivity= 10
Recorder Sensitivity= 0.5
Chart Speed= 5
Logging Speed= 5 FPM
Multiplacation Factor= 10

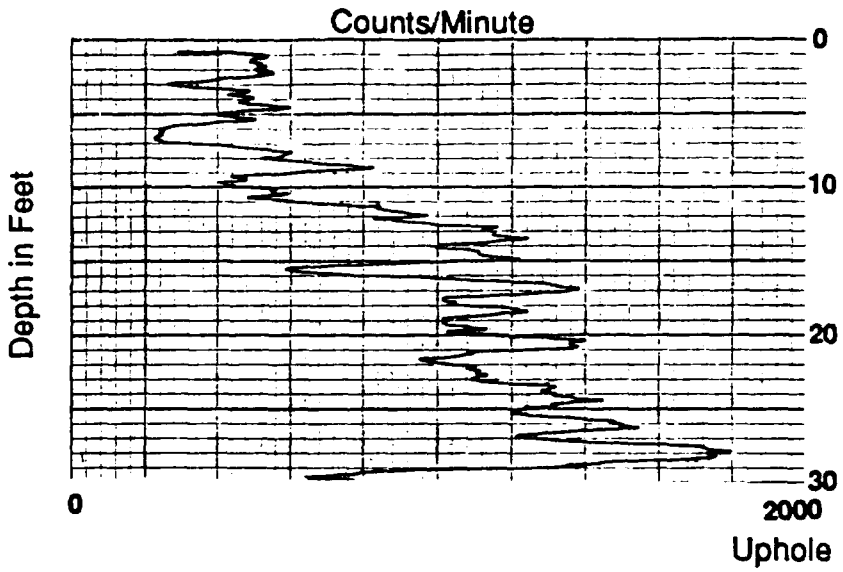
GW-30

Bore Hole, Resistivity Logs

Skinner Landfill

May, 1990 04003

Gamma Log



Module Sensitivity= 50
Recorder Sensitivity= 0.2
Chart Speed= 5
Logging Speed= 5 FPM
Current=10

GW-30

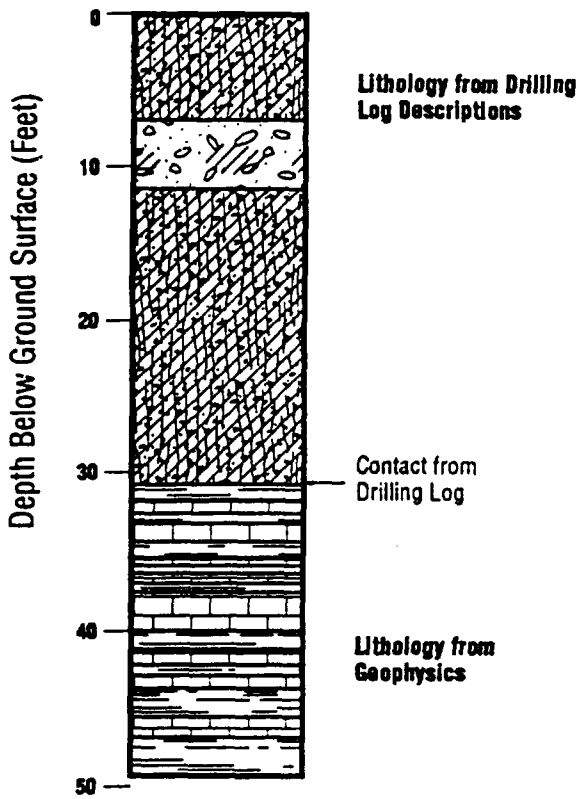
Bore Hole,Gamma Log

Skinner Landfill

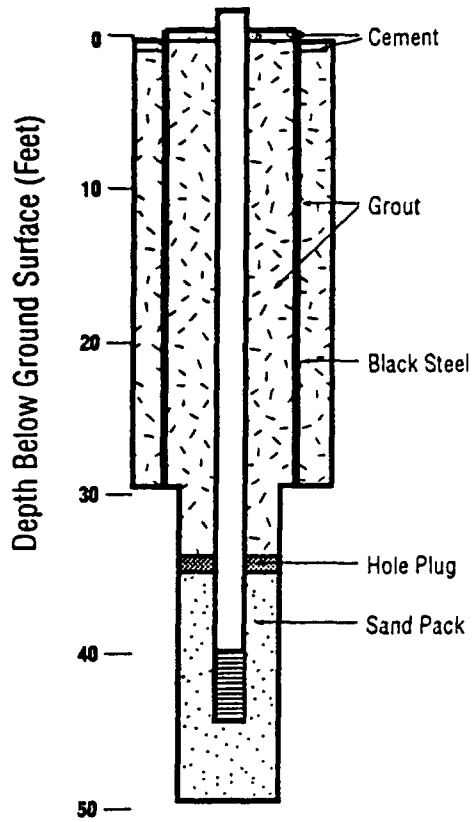
May, 1990 04003

WW Engineering & Science

Lithology



Well Construction



Top of Casing Elevation: *673.02'*
Logs Completed: *Gamma*
Self Potential
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

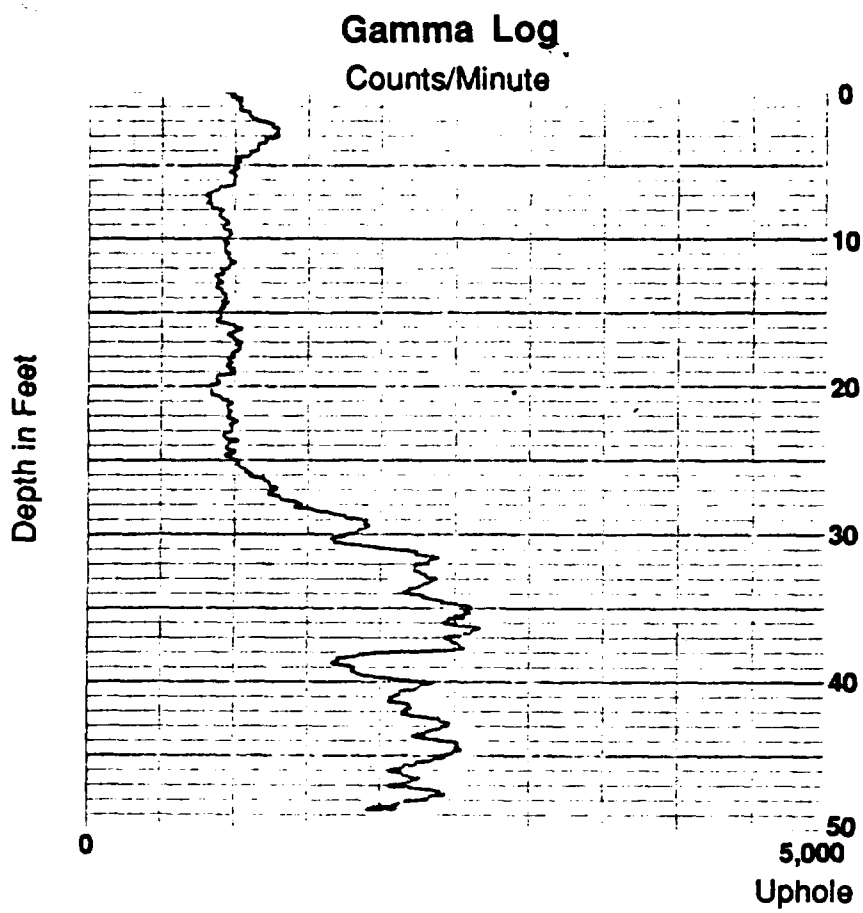
- Limestone
- Shale
- Sand & Gravel w/ Occasional Clay
- Silty Clay w/ occ. Sand & Gravel

Figure 6

Lithology and Well Construction GW-32

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14



Time Constant= 10
Module Sensitivity= 1K
Logging Speed= 5 FPM
Chart Speed= 5

GW-32

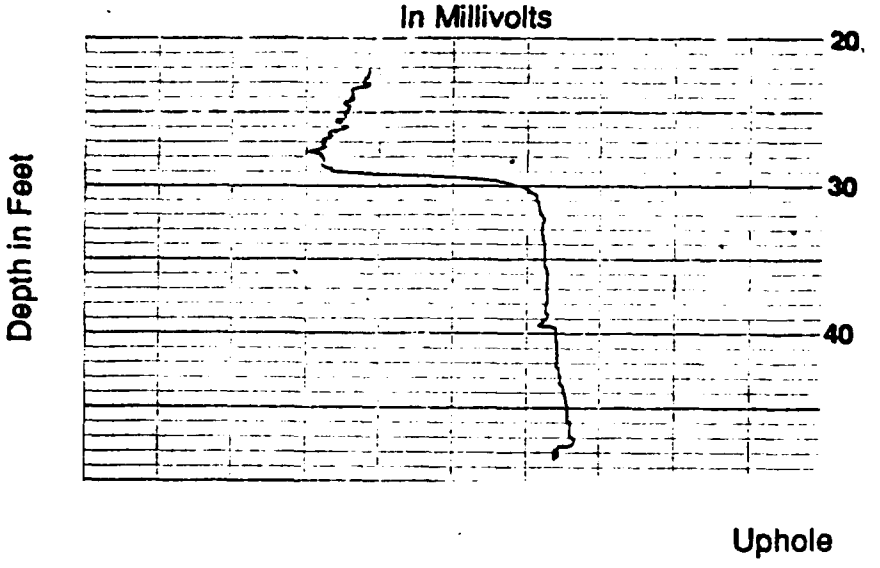
Bore Hole, Gamma Log

Skinner Landfill

May, 1990 04003

WW Engineering & Science

Self Potential Log



Module Sensitivity= 50
Recorder Sensitivity= 1
Chart Speed= 5
Logging Speed= 5FPM
Current= 5 ma

GW-32

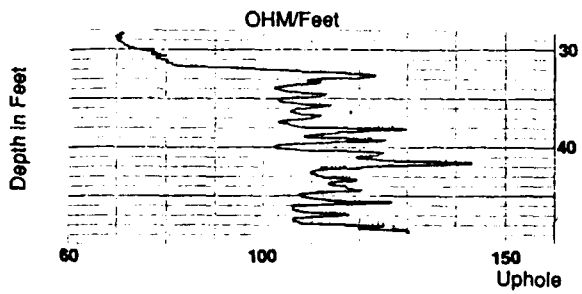
Bore Hole,Self Potential Log

Skinner Landfill

May, 1990 04003

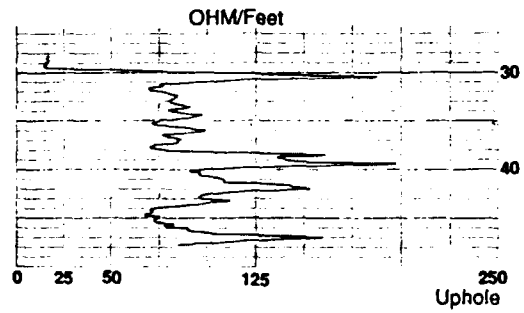
WW Engineering & Science

Resistivity
(Single Point)



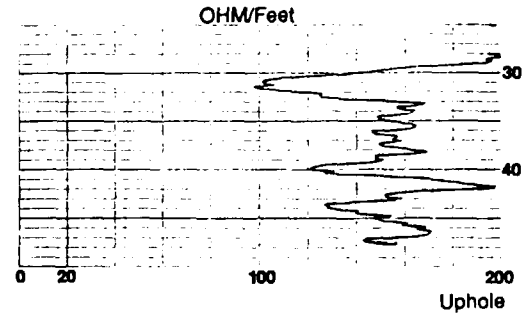
Module Sensitivity= 50
Recorder Sensitivity= 0.2
Chart Speed= 5
Logging Speed= 5 FPM
Current=5ma

Resistivity
(.25N)



Module Sensitivity= 50
Recorder Sensitivity= 0.5
Chart Speed= 5
Logging Speed= 5 FPM
Current= 5 ma

Resistivity
(2.5 N)



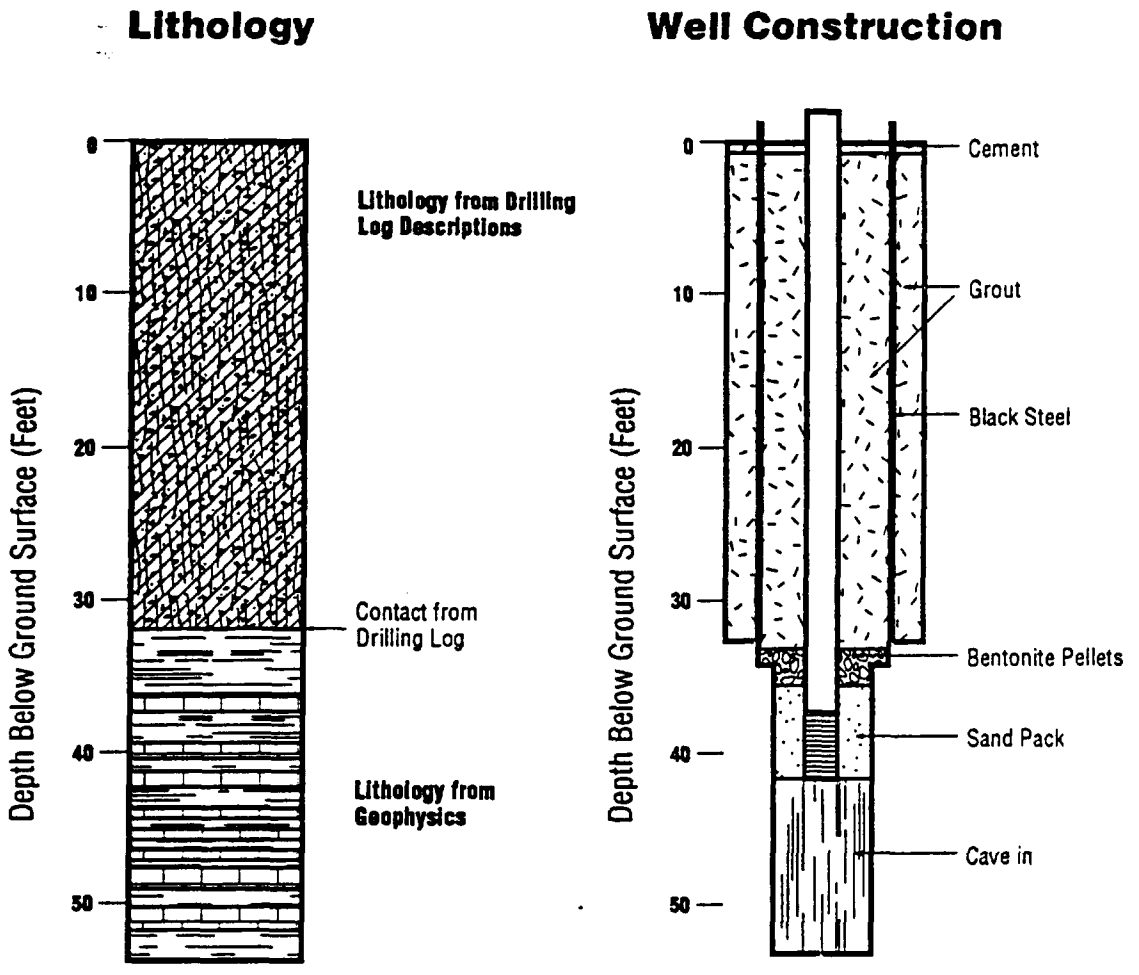
Module Sensitivity= 20
Recorder Sensitivity= 0.1
Chart Speed= 5
Logging Speed= 5 FPM
Current=5 ma

GW-32

Bore Hole, Resistivity Logs

Skinner Landfill

May, 1990 04003



Top of Casing Elevation: *671.98'*
Logs Completed: *Gamma*
Self Potential
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

Limestone

Shale

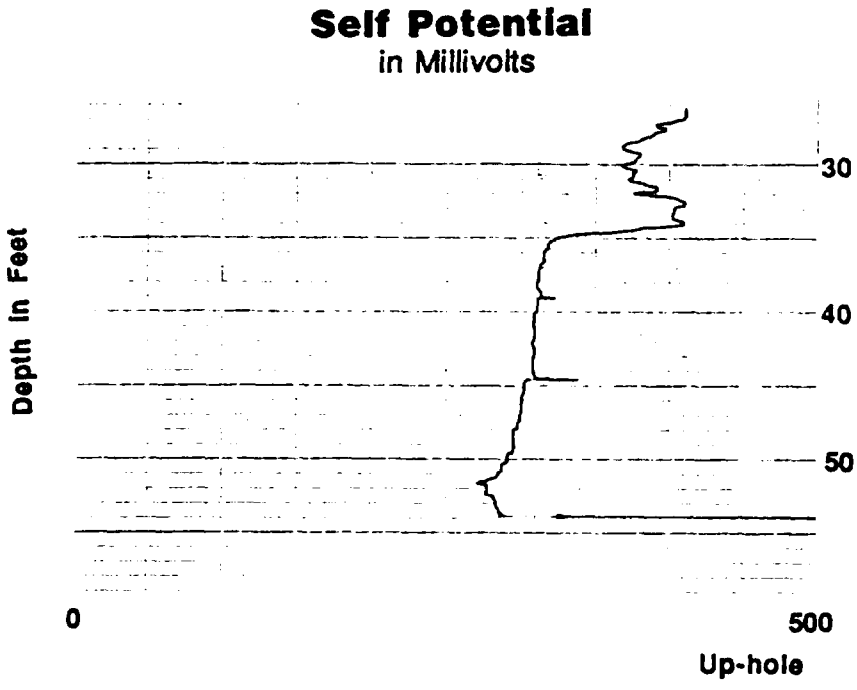
Silty Clay w/ Trace of Sand & Gravel

Figure 7

Lithology and Well Construction GW-35

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14



Module Sensitivity = 50
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

GW 35

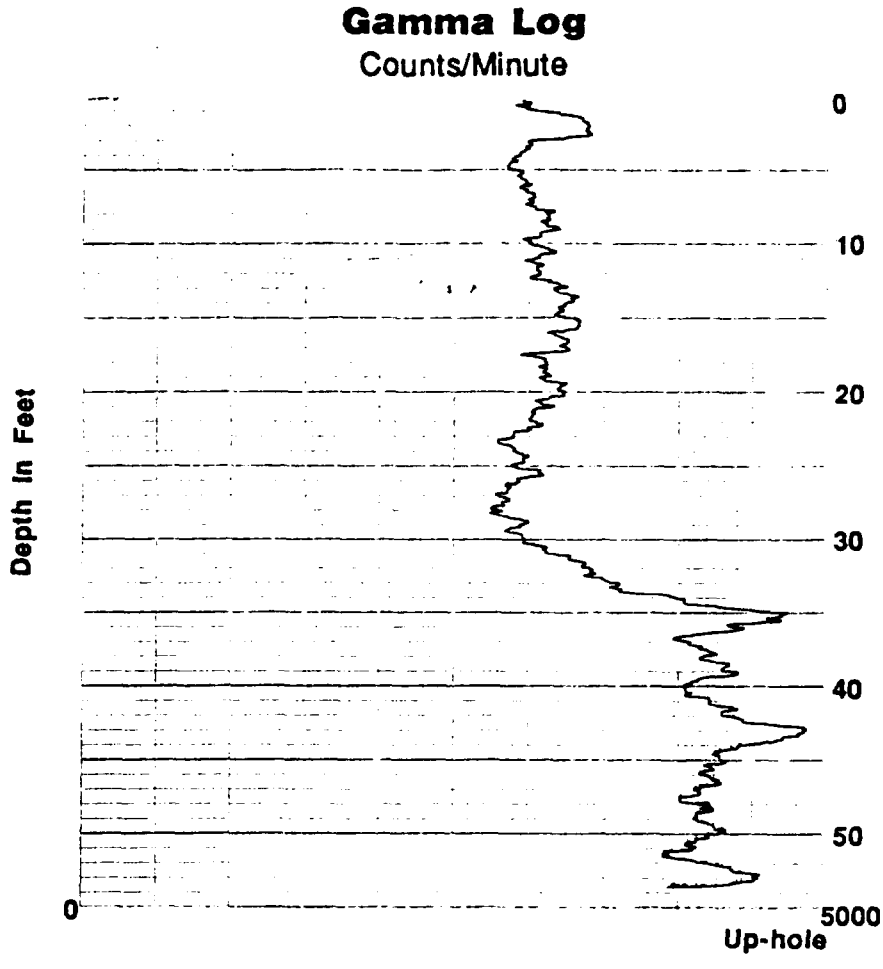
Bore-Hole Self Potential Log

Skinner Landfill

May, 1990

04003

WW Engineering & Science



Module Sensitivity = 1K
Recorder Sensitivity = 0.5
Logging Speed = 5 FPM
Chart Speed = 5
Time Constant = 10

GW 35

Bore-Hole Gamma Log

Skinner Landfill

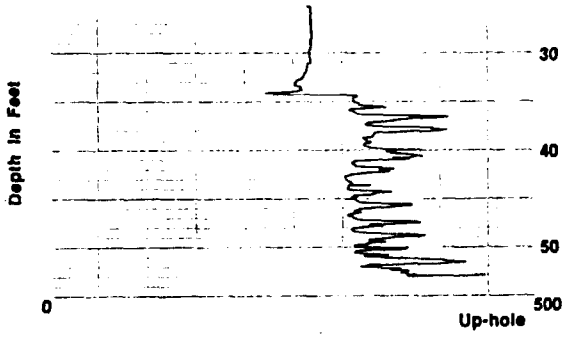
May, 1990

04003

WW Engineering & Science

Single Point Resistivity

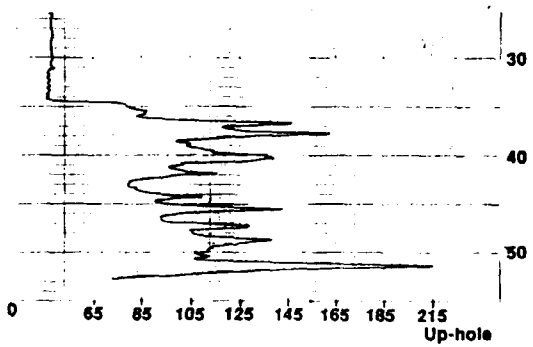
OHM/Feet



Module Sensitivity = 50
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

0.25 N Resistivity

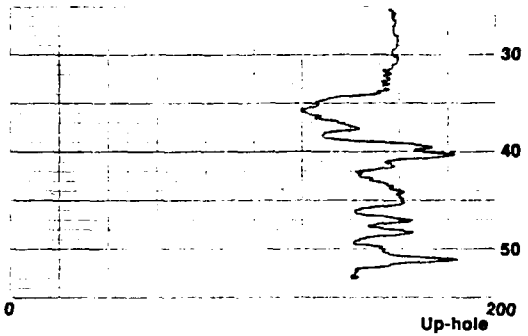
OHM/Feet



Module Sensitivity = 100
Recorder Sensitivity = 0.5
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

2.5 N Resistivity

OHM/Feet



Module Sensitivity = 10
Recorder Sensitivity = 0.2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma

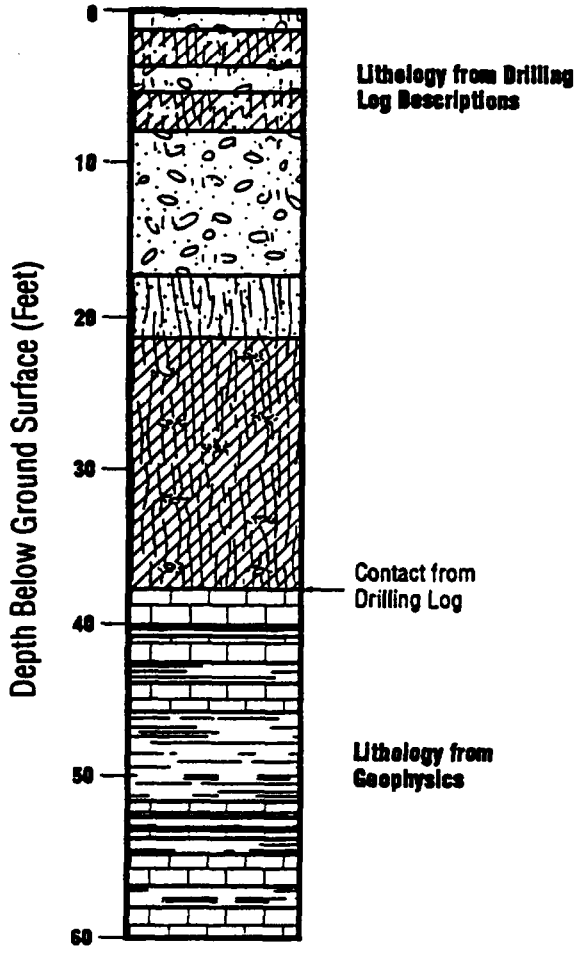
GW 35

Bore-Hole Resistivity Logs

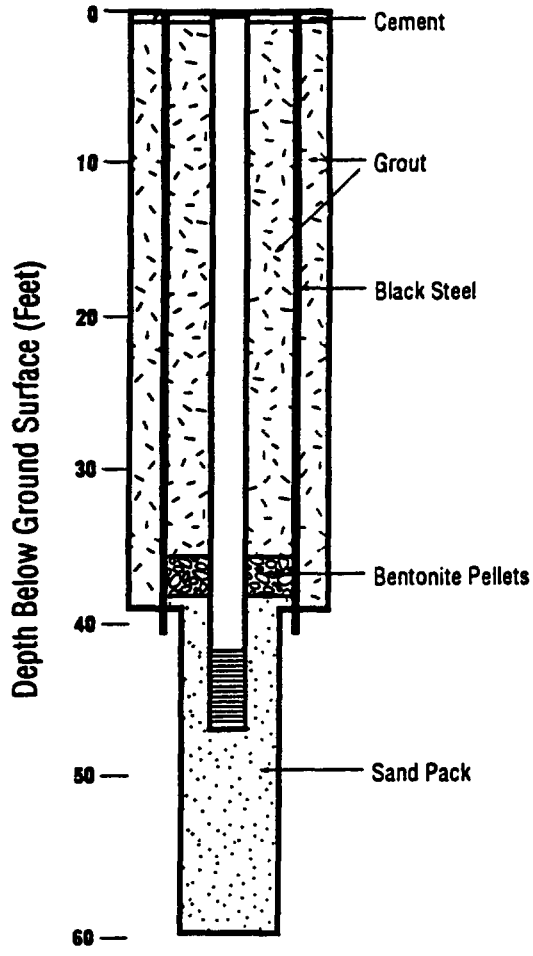
Skinner Landfill

May, 1990 04003

Lithology



Well Construction



Top of Casing Elevation: *684.50'*
Logs Completed: *Gamma*
Self Potential
Temperature
Single Point Resistivity
.25 N Resistivity
2.5 N Resistivity

LEGEND

- Limestone
- Shale
- Silt & Sand
- Sand & Gravel w/ Trace of Silt
- Silt & Clay w/ Trace of Sand
- Silt & Clay w/ Trace of Gravel

Figure 8

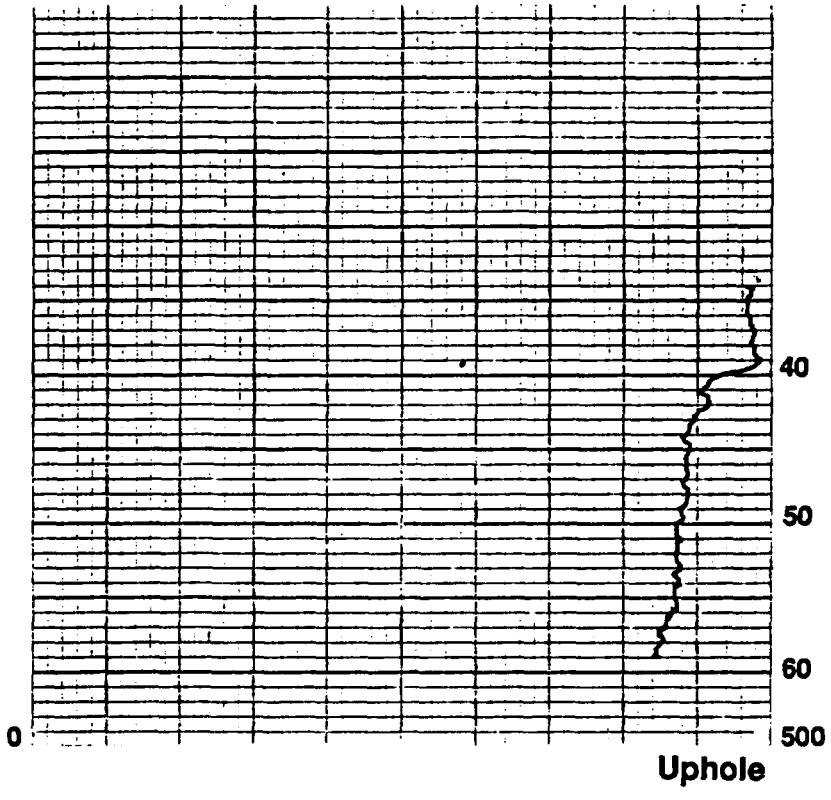
Lithology and Well Construction GW-38

Skinner Landfill
West Chester, Ohio

February, 1991 04003.14

Self-Potential

Millivolts



Module Sensitivity = 50
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5

GW-38

Bore-Hole Self-Potential Log

Skinner Landfill

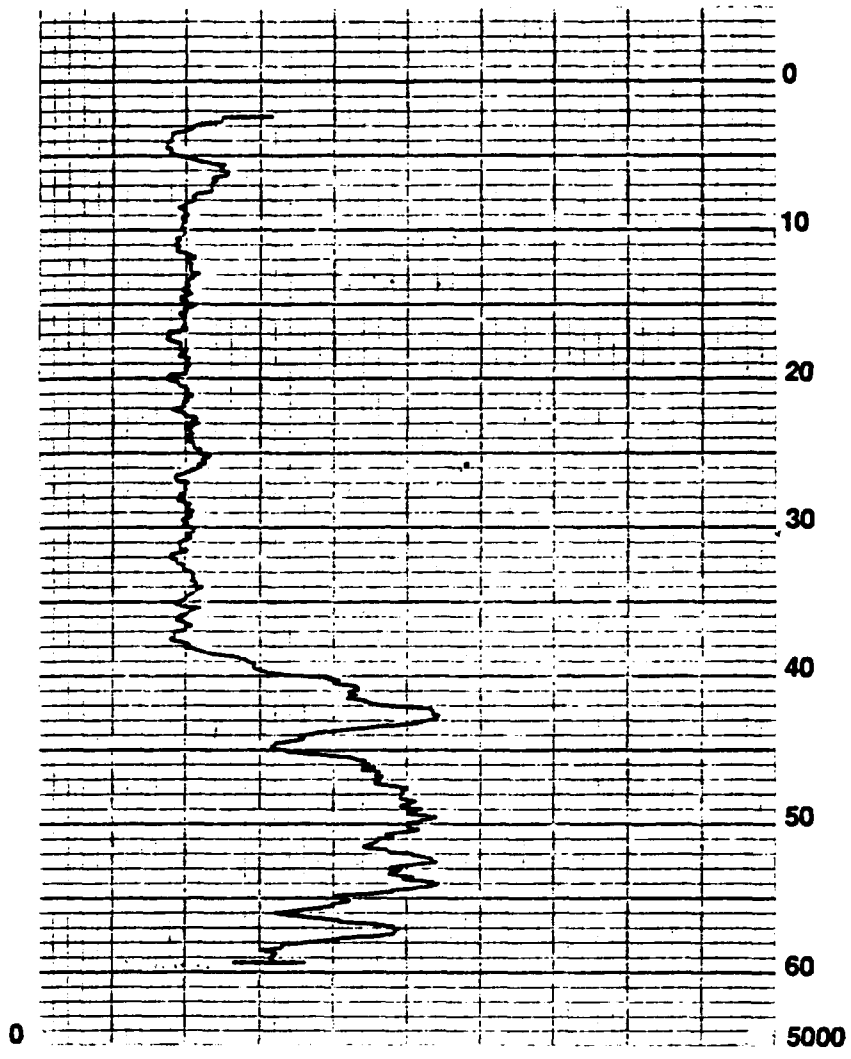
May, 1990

04003

WW Engineering & Science

Gamma Log

Counts/Minute



Module Sensitivity = 1K
Recorder Sensitivity = .5
Logging Speed = 5 FPM
Chart Speed = 5
Time Constant = 10

GW-38

Bore-Hole Gamma Log

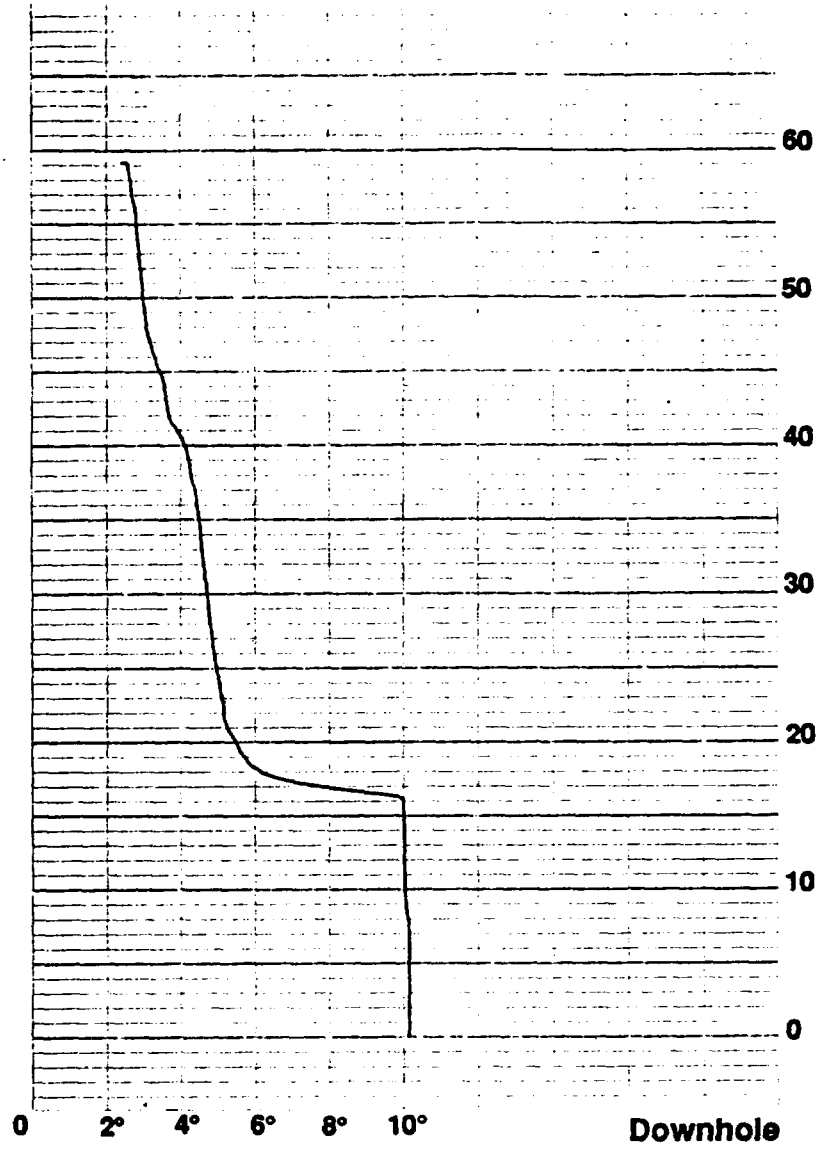
Skinner Landfill

May, 1990

04003

WW Engineering & Science

Temperature
Degrees Centigrade



Module Sensitivity = 1
Recorder Sensitivity = 2
Logging Speed = 10 FPM
Chart Speed = 5

GW-38

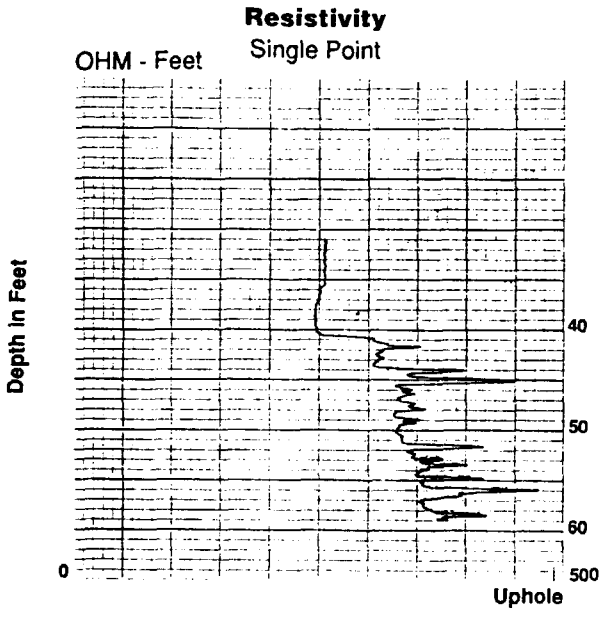
Bore-Hole Temperature Log

Skinner Landfill

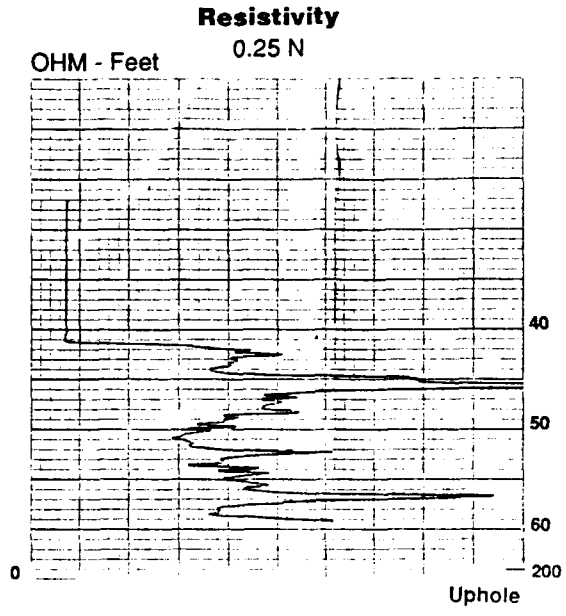
May, 1990

04003

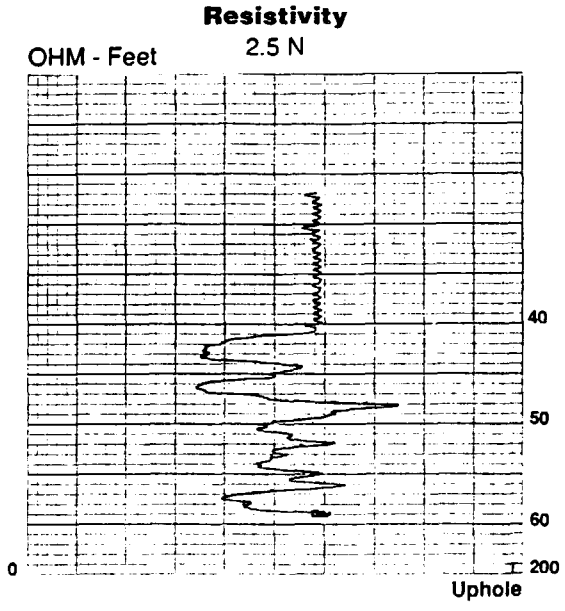
WW Engineering & Science



Module Sensitivity = 10
Recorder Sensitivity = .2
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma



Module Sensitivity = 20
Recorder Sensitivity = 1
Logging Speed = 5 FPM
Chart Speed = 5
Current = 5 ma
Multiplication Factor= 1



Module Sensitivity = 100
Recorder Sensitivity = .5
Logging Speed = 5 FPM
Chart Speed = 5
Multiplication Factor= 10

GW-38

Bore-Hole Resistivity Logs

Skinner Landfill

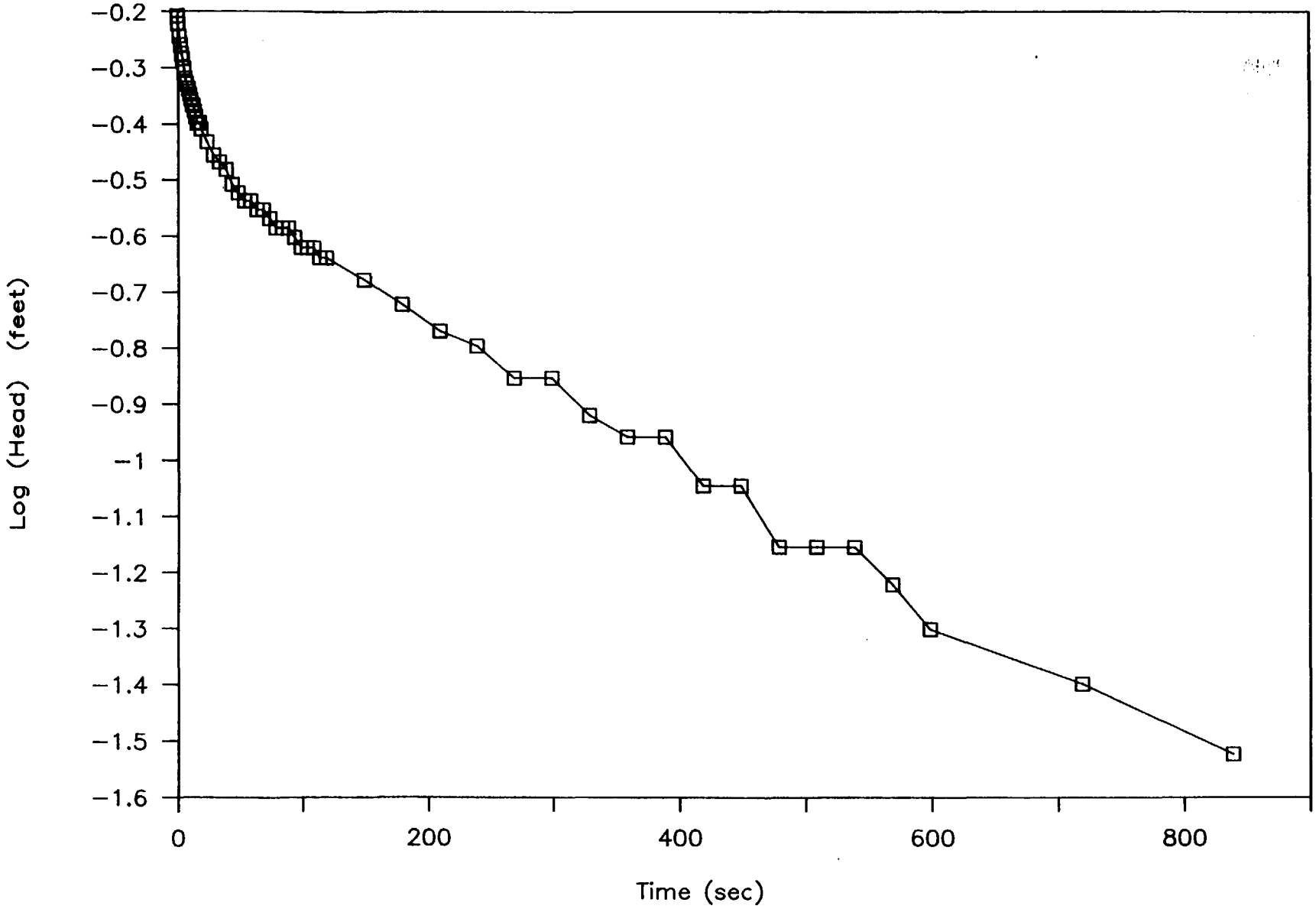
May, 1990

04003

Appendix E
Hydraulic Conductivity Tests
(Phase II)

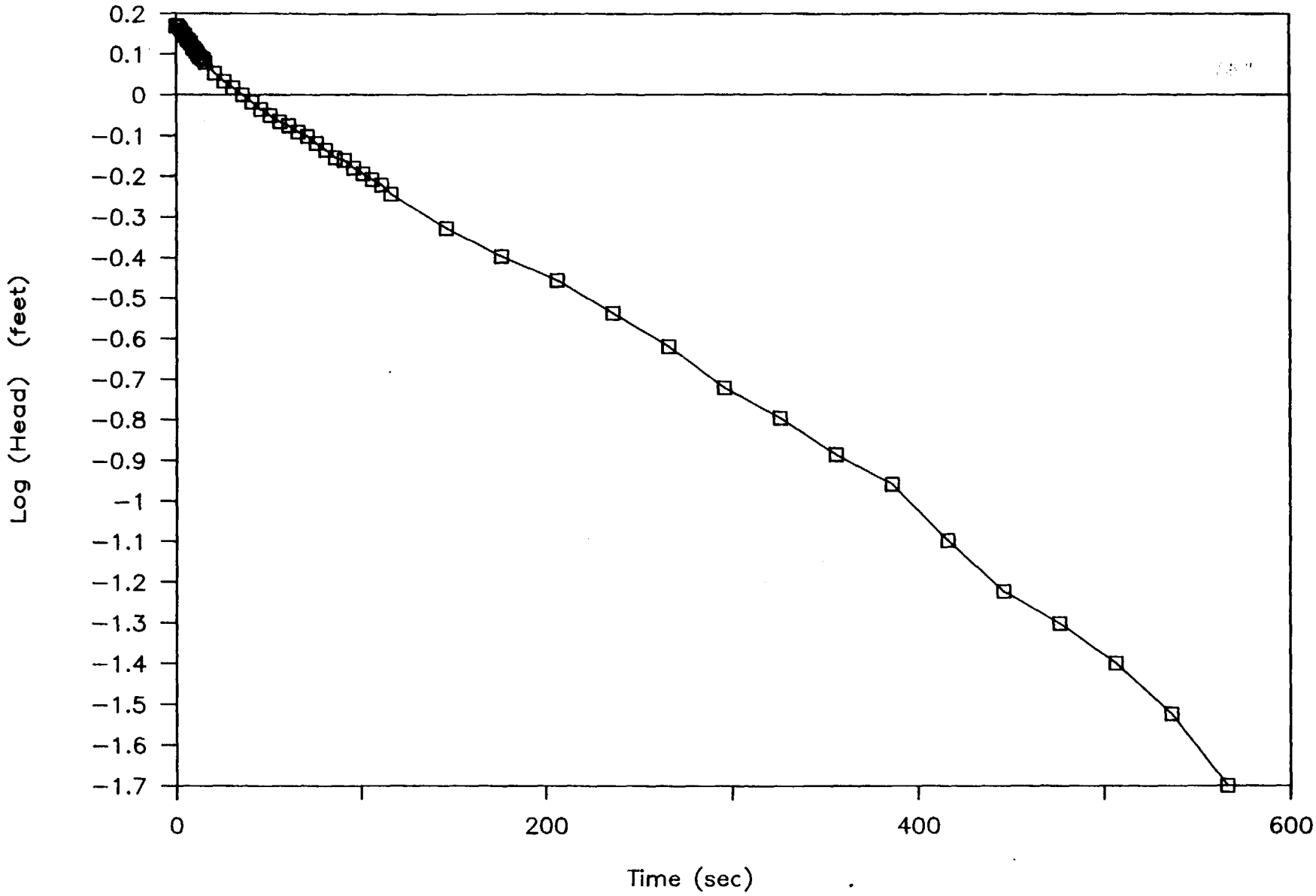
GW09 Skinner 04003

USEPA



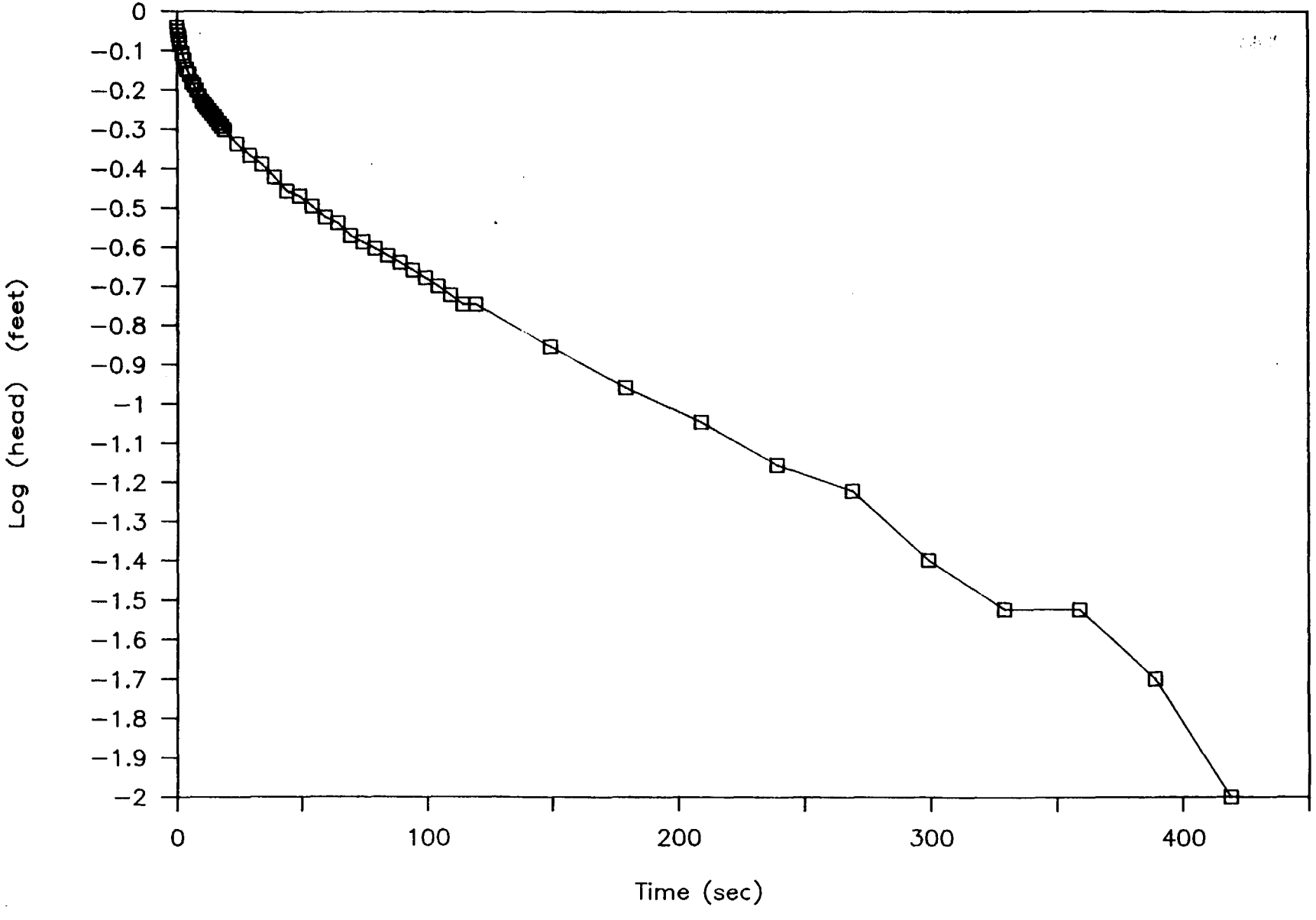
GW10 Skinner 04003

USEPA



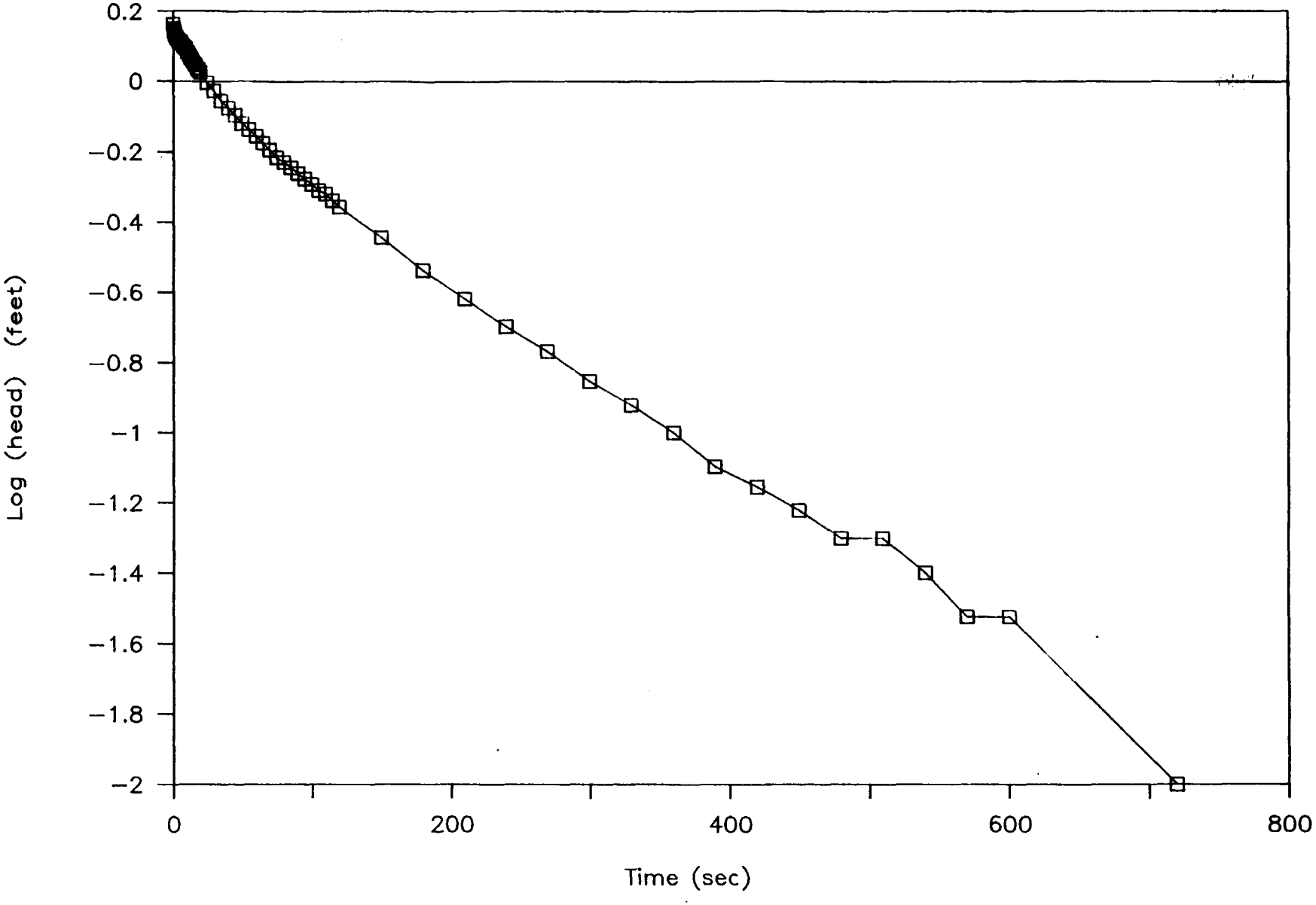
GW15 Skinner 04003

USEPA



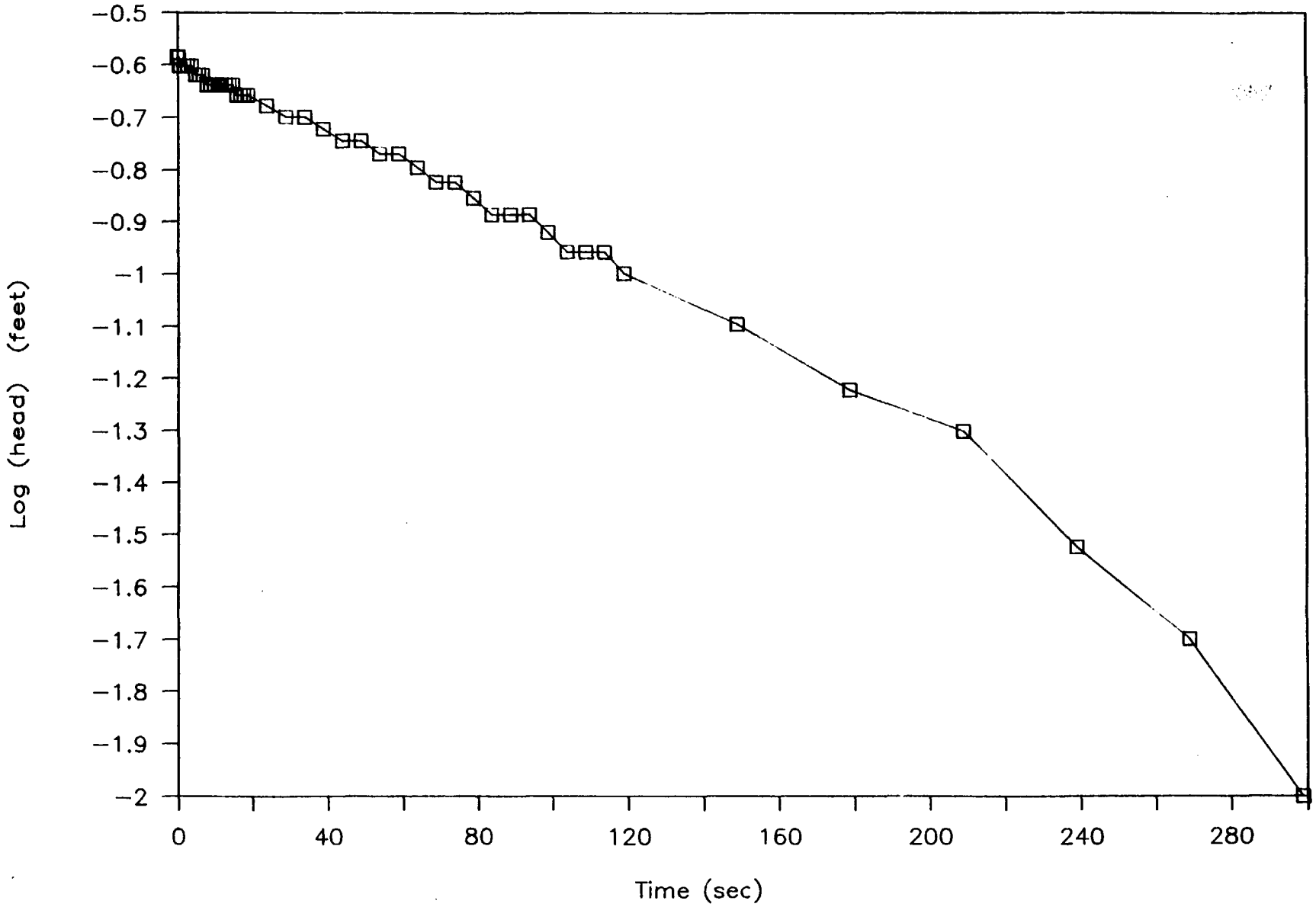
GW15DP Skinner 04003

USEPA



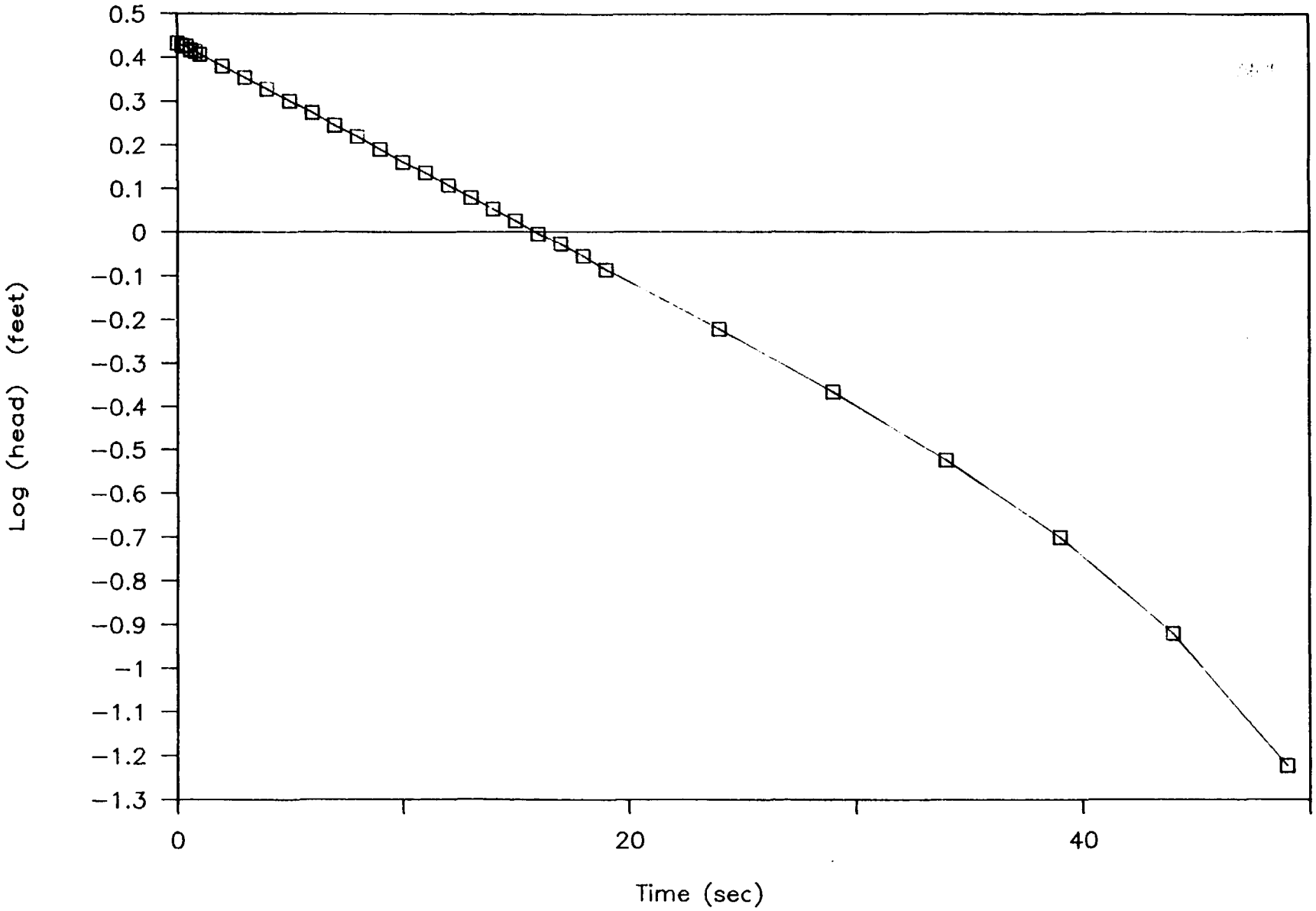
GW17 Skinner 04003

USEPA



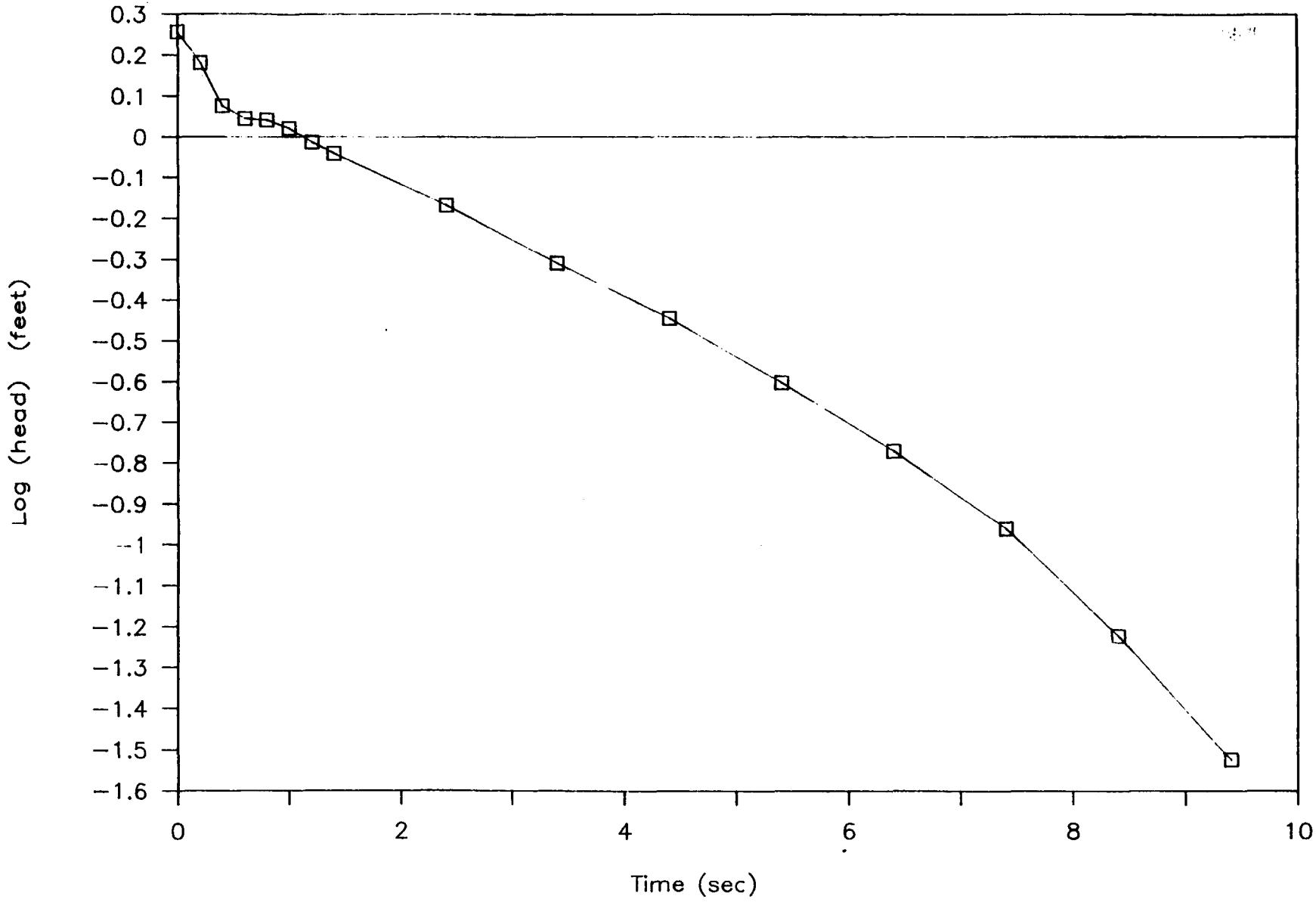
GW18 Skinner 04003

USEPA



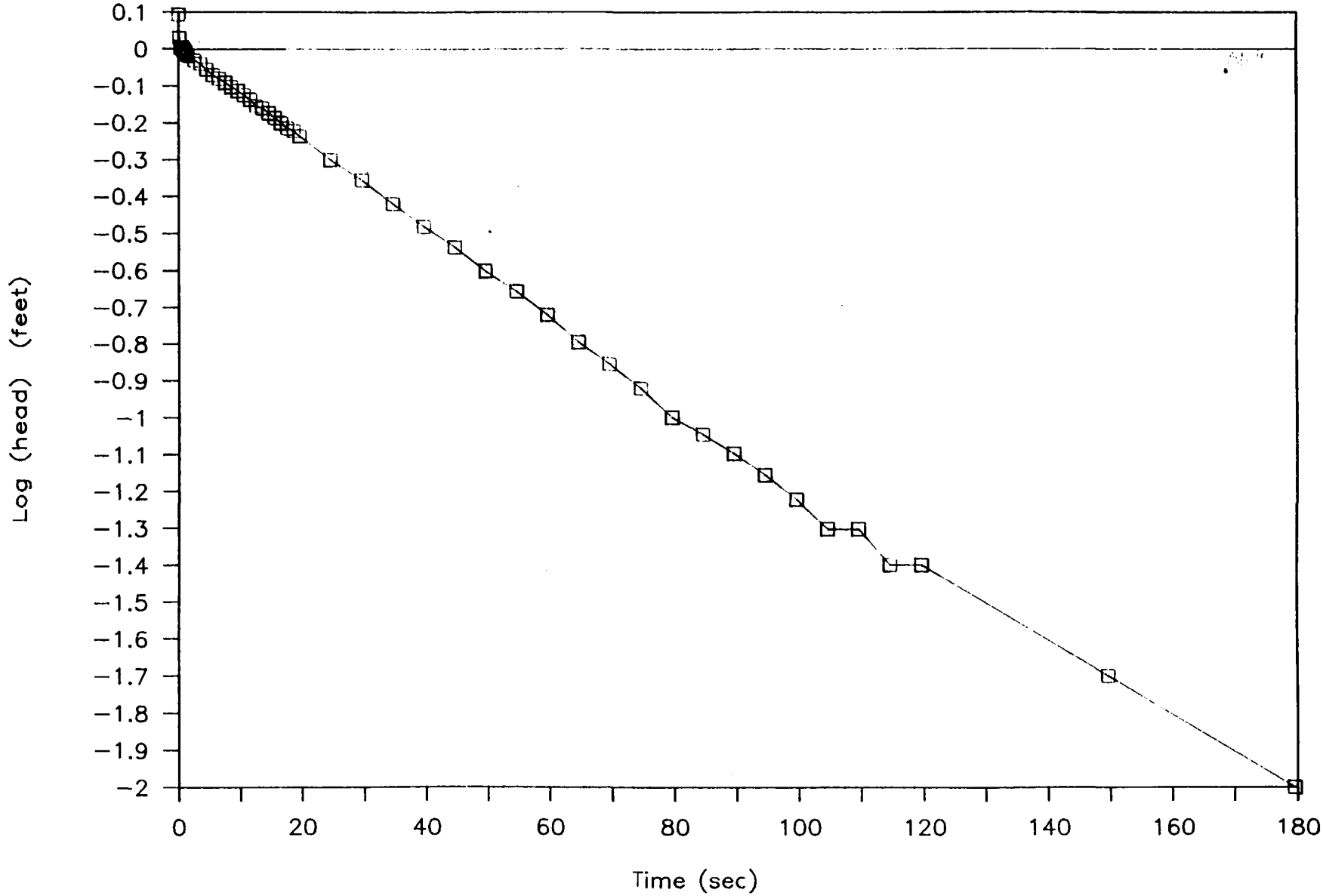
GW20 Skinner 04003

USEPA



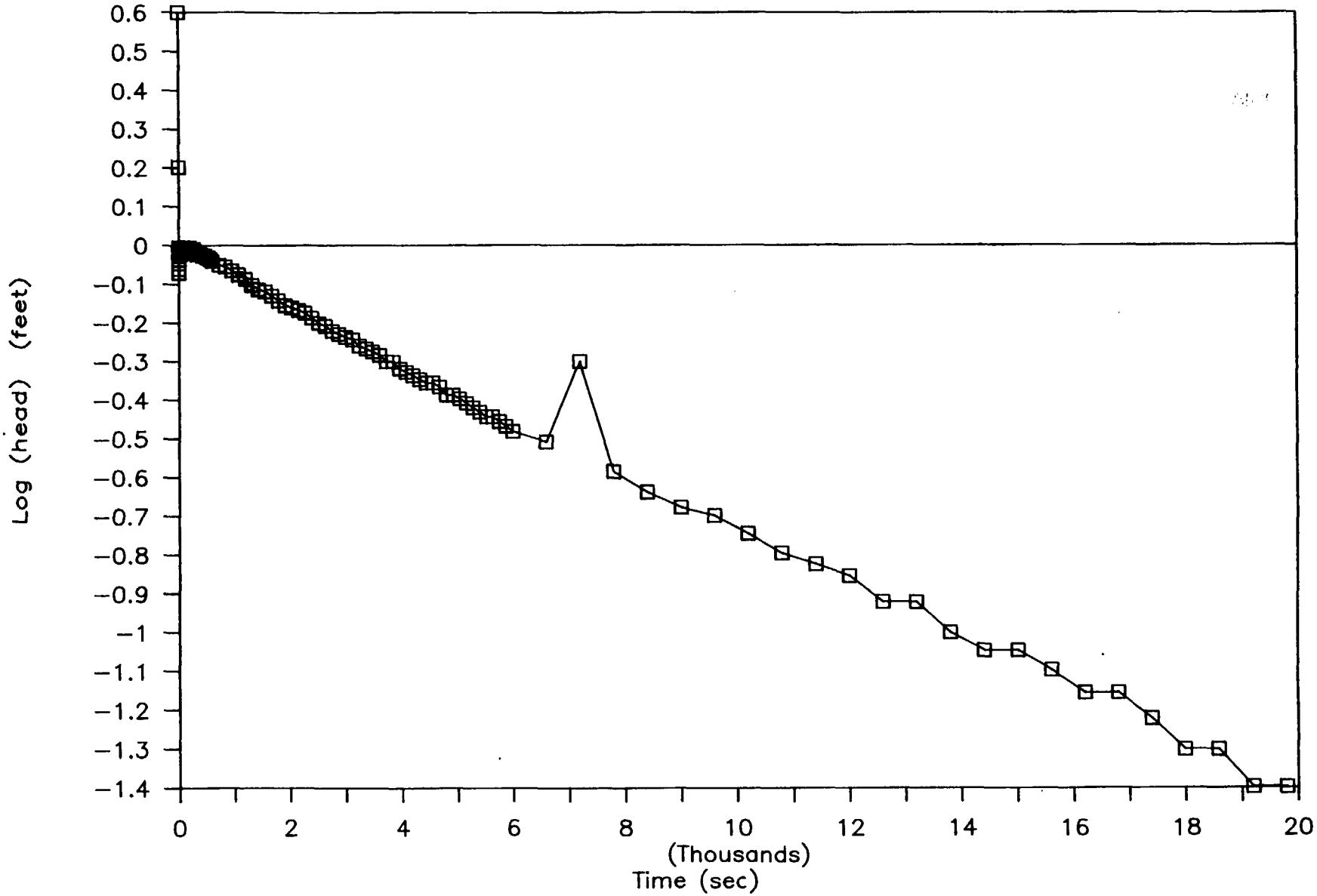
GW24 Skinner 04003

USEPA



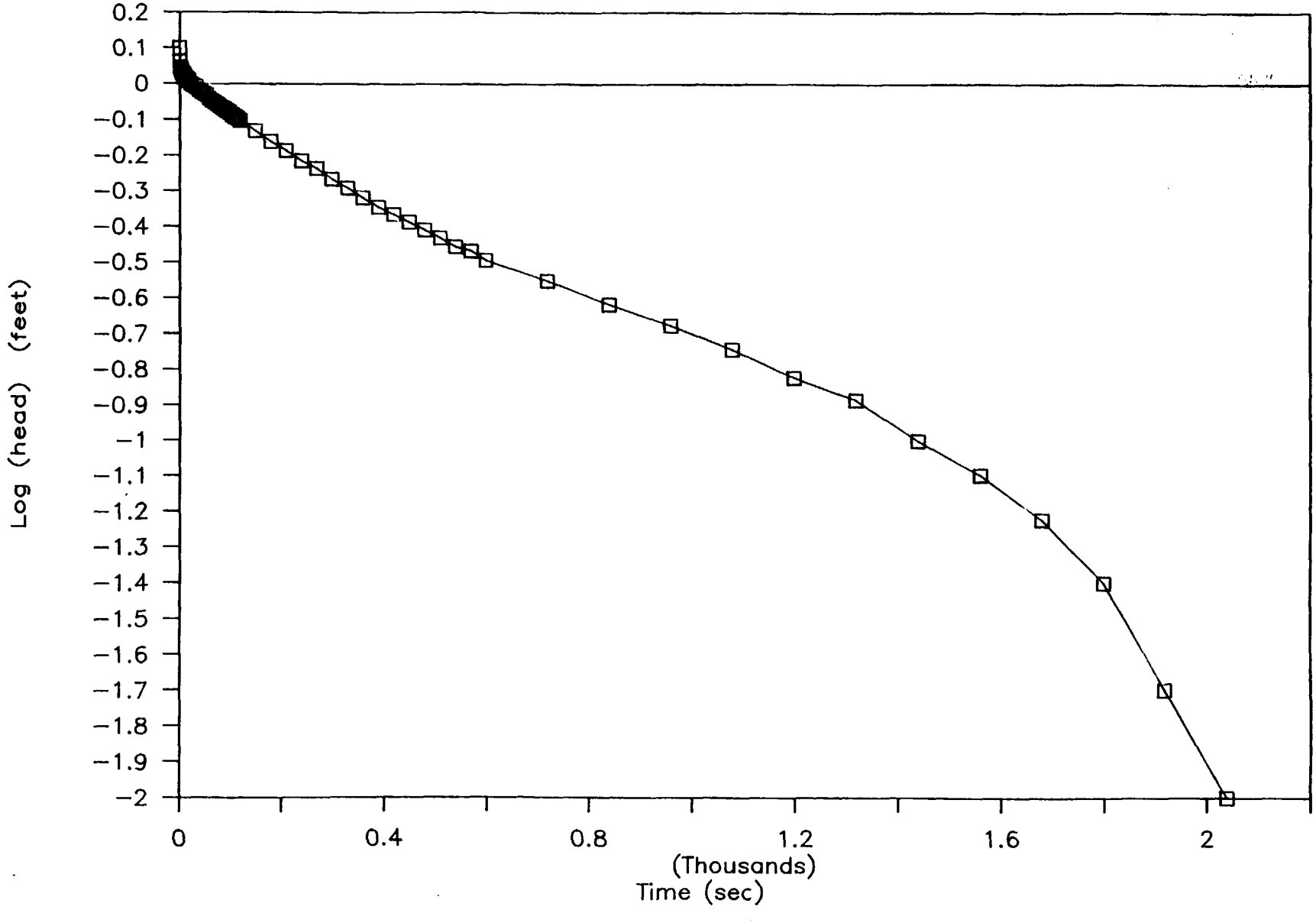
GW26 Skinner 04003

USEPA



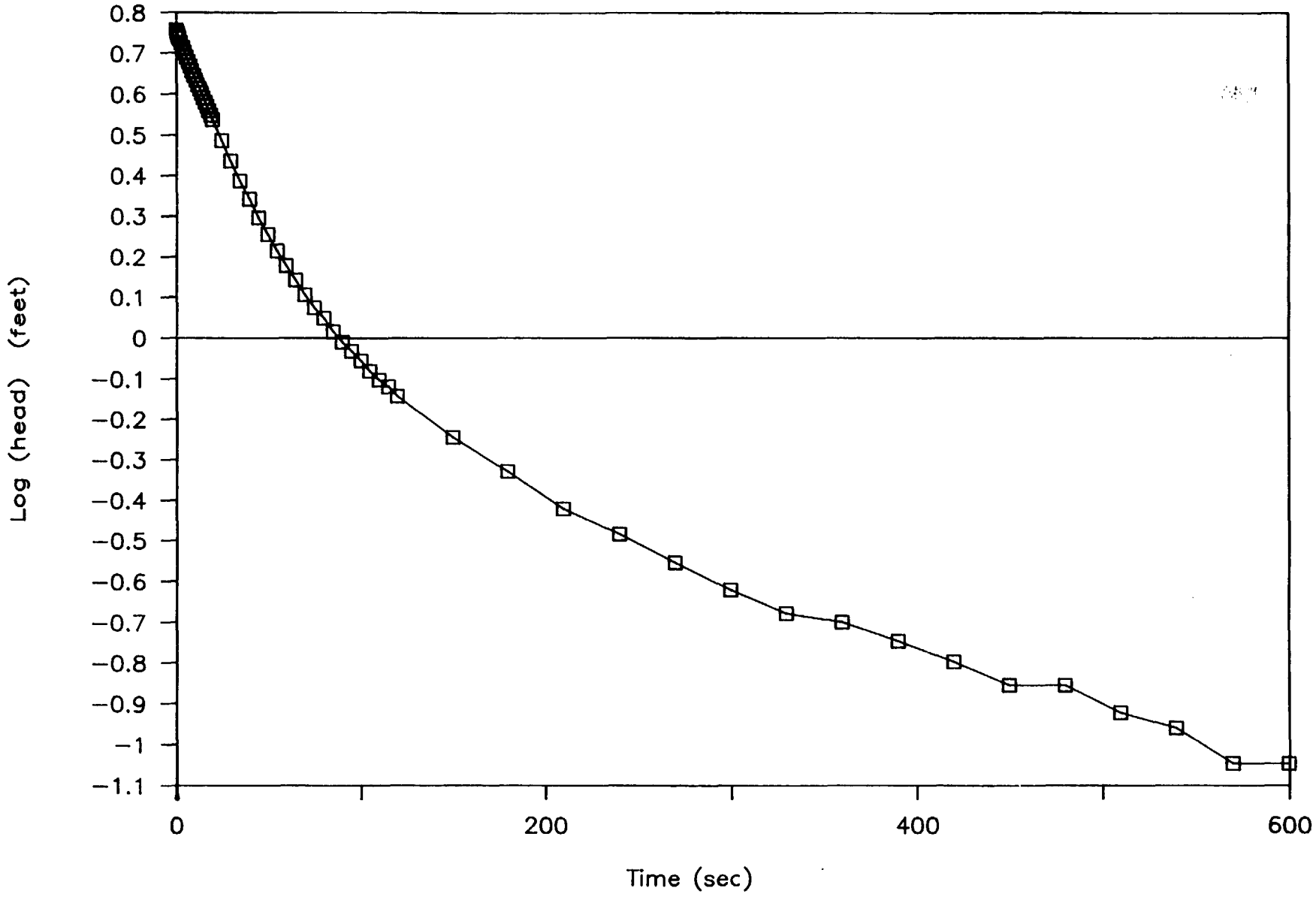
GW28 Skinner 04003

USEPA



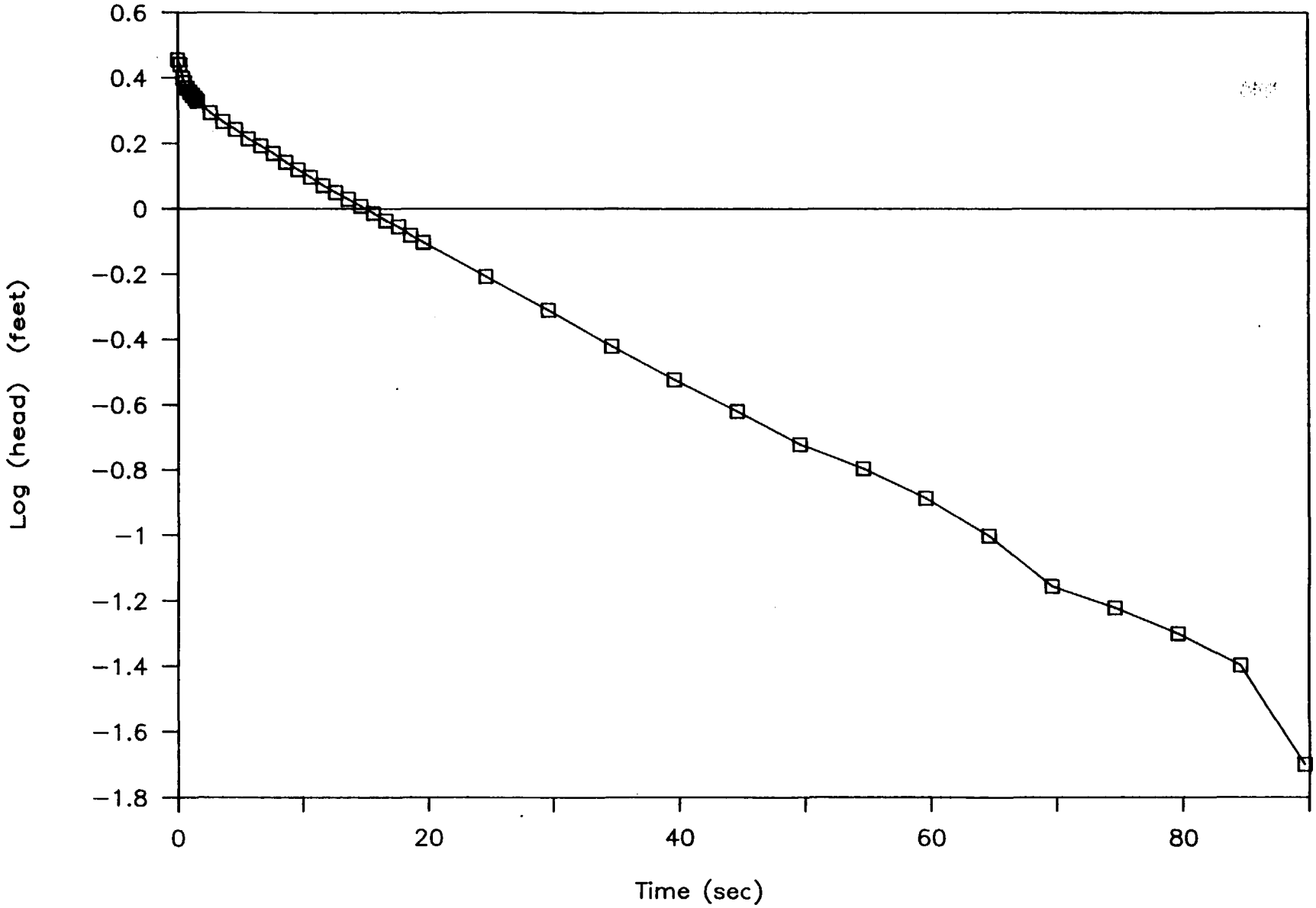
GW30 Skinner 04003

USEPA



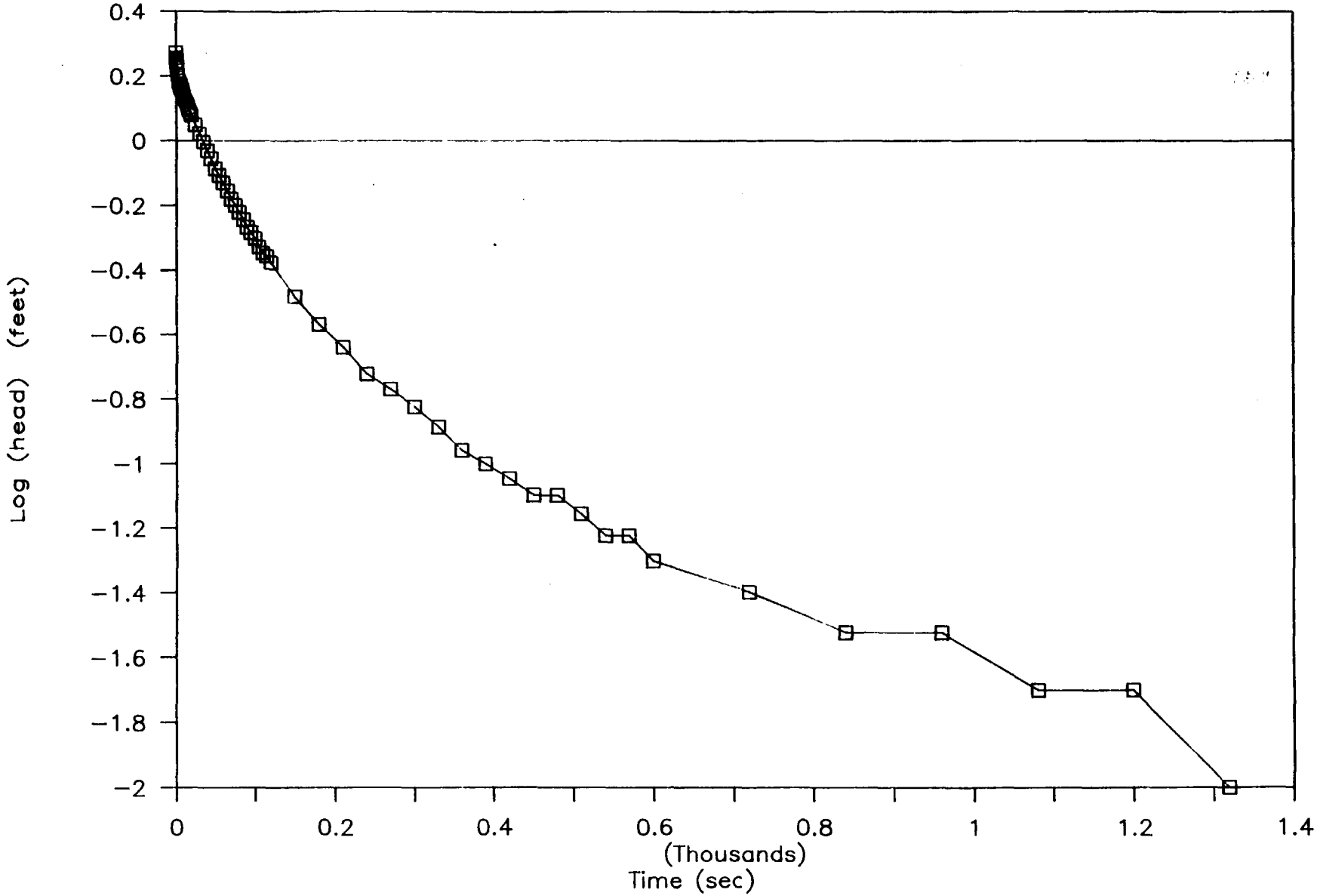
GW31 Skinner 04003

USEPA



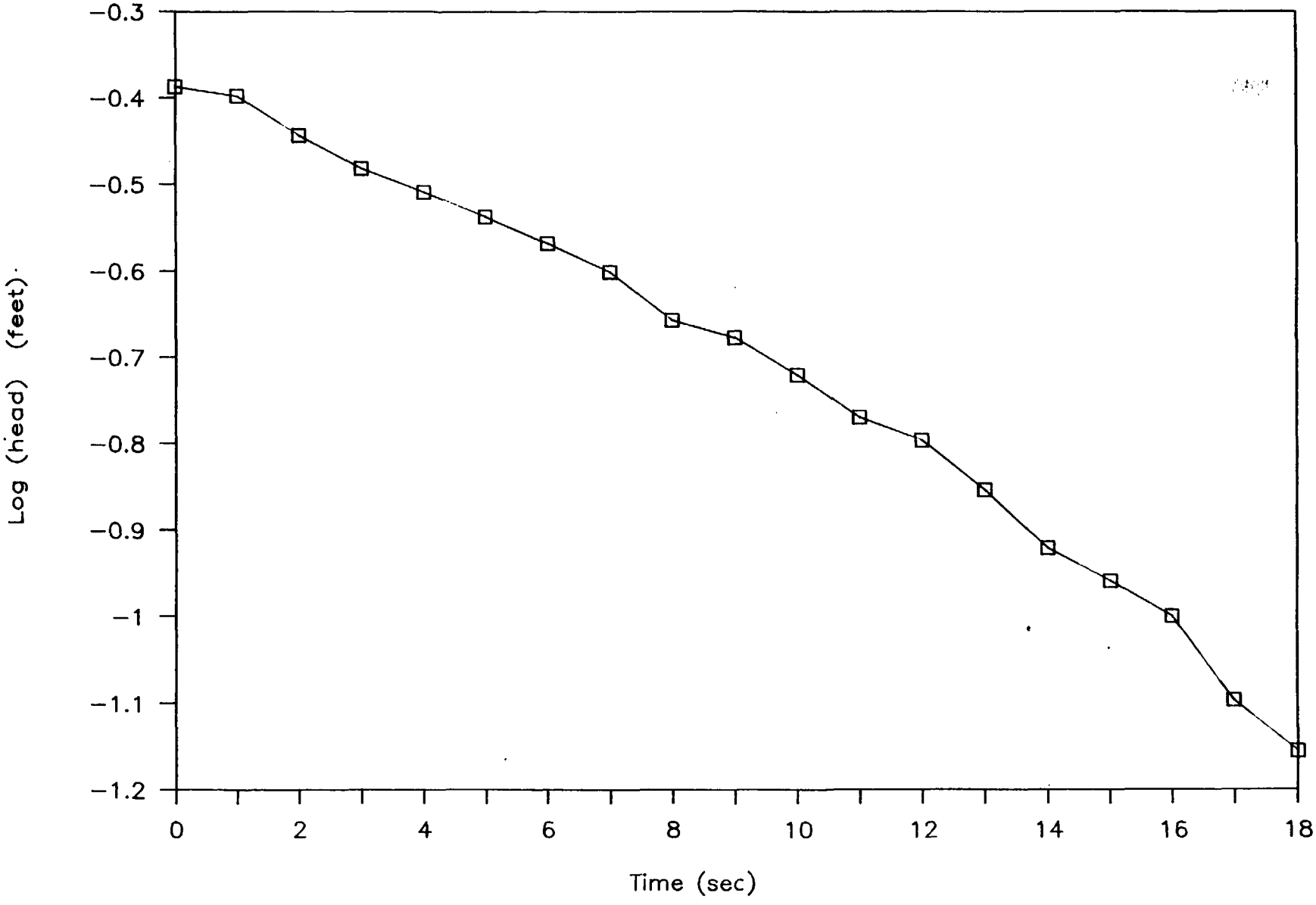
GW32 Skinner 04003

USEPA



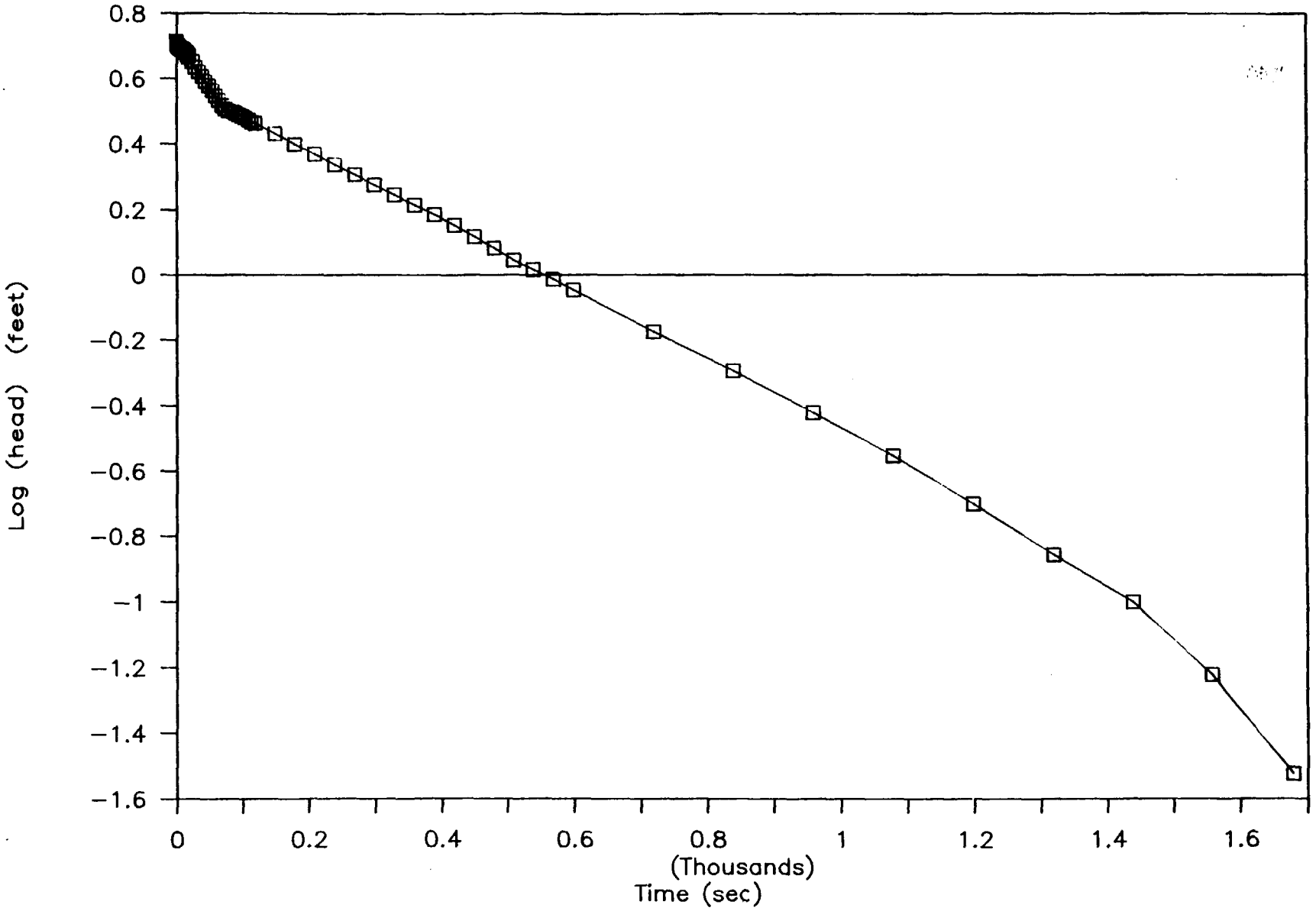
GW33 Skinner 04003

USEPA



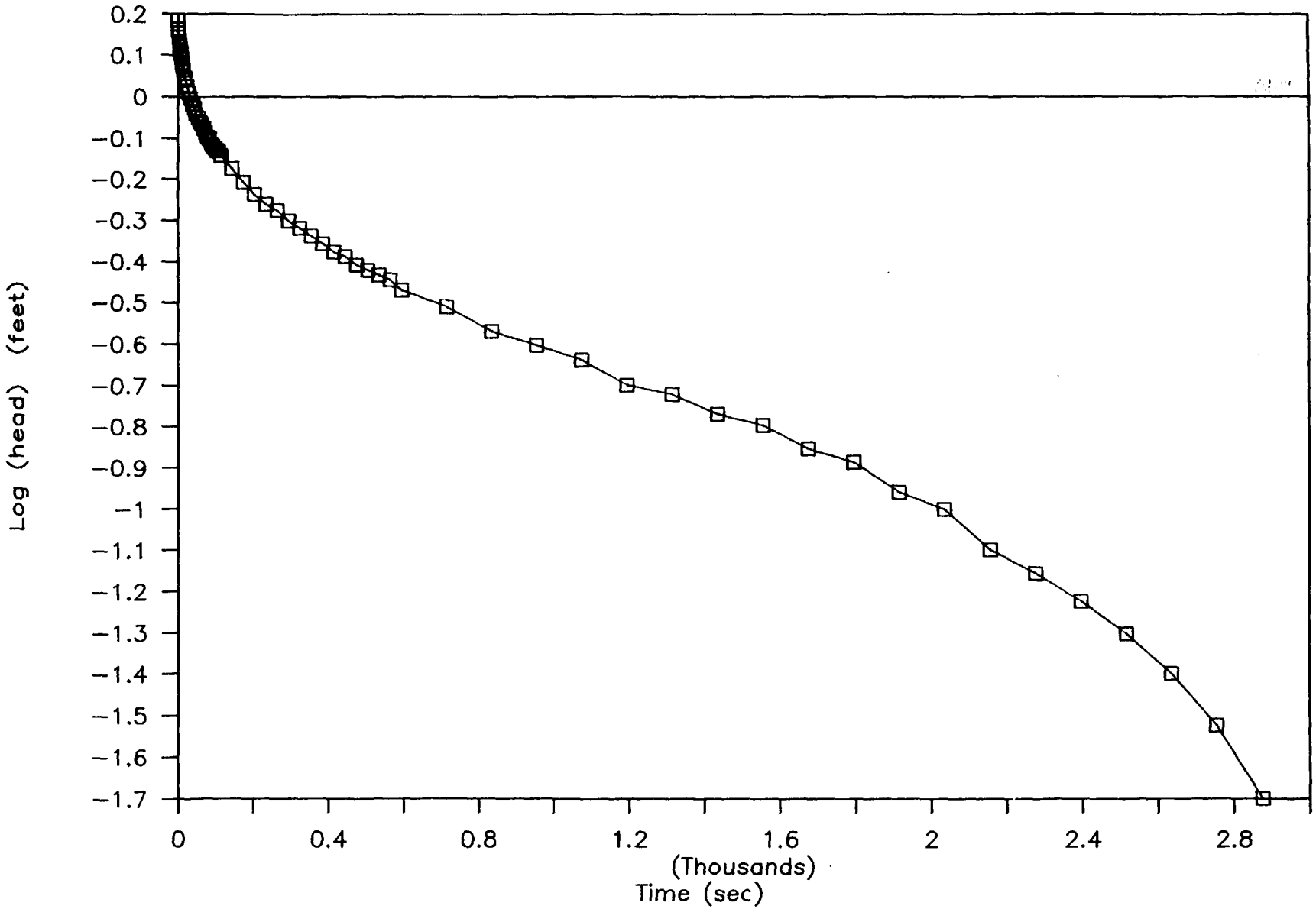
GW35 Skinner 04003

USEPA



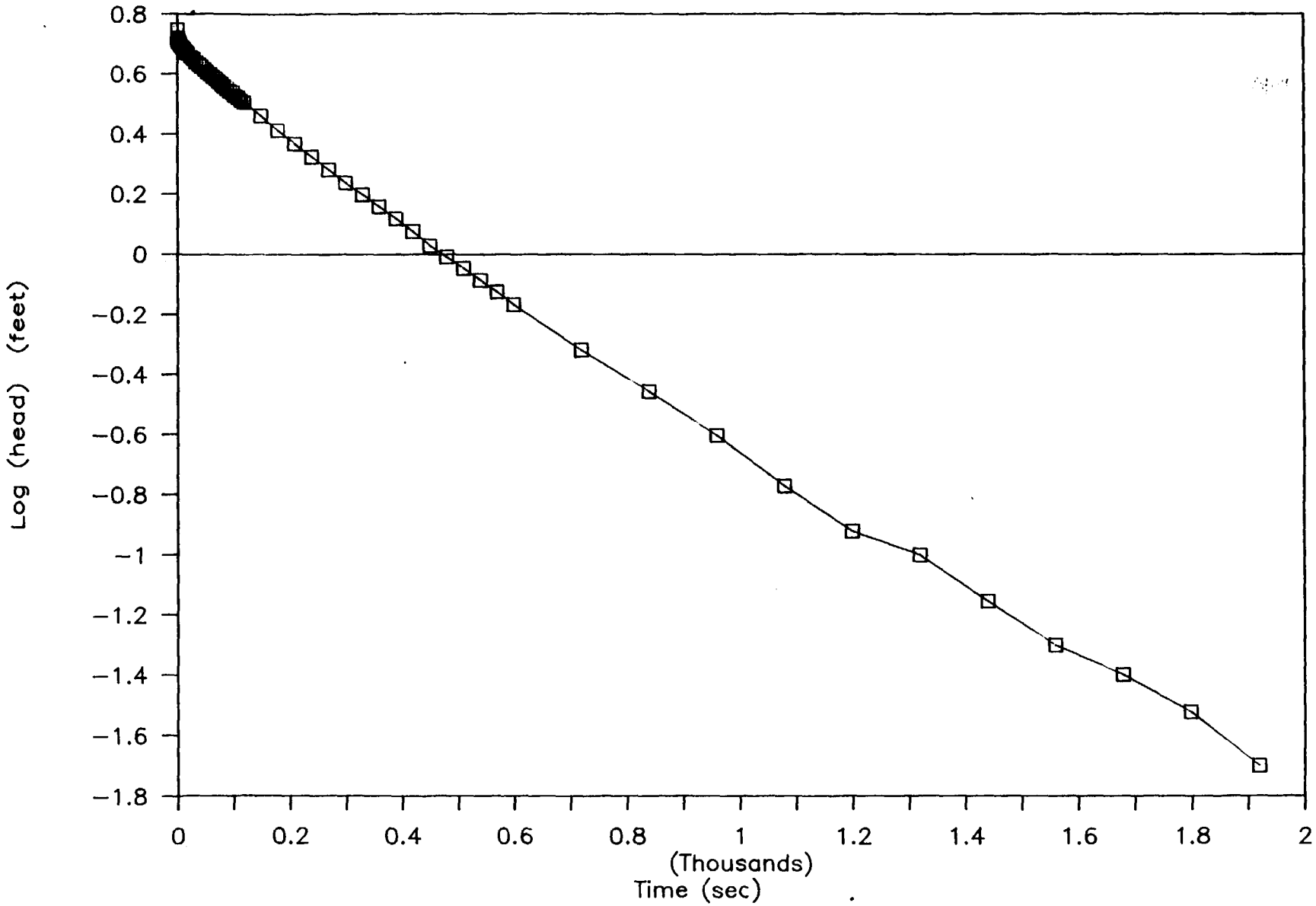
GW36 Skinner 04003

USEPA



GW38 Skinner 04003

USEPA



Appendix F
Well Sampling Field Record Forms
(Phase II)

Well Sampling Field Record Form

Client: USEPA-Ski...
Job No.: 04003.08

Well No.	Date Sampled	1 Depth of Well from Top of Casing	2 Depth to Water Level from Top of Casing	3 Thickness of Water Column (T)	Inside Radius of the Well in Inches (r)	4 Radius Squared (r^2)	5 Conver-sion Factor	6 Static Volume in Gallons (V)	Static Volume x 3 (Min Purge Volume)	Actual Volume Purged (Gal.)	Purging Method Used	Remarks
36	4/23/90	13.0'	4.89'	8.11'	1	1	0.163	1.3	3.9	6.0	T.Bailer	
35	4/23/90	41.9'	4.45'	37.45'	1	1	0.163	6.1	18.3	20.0		
23	4/24/90	10.0'	5.75'	4.25'	1	1	0.163	.69	2.0	2.0		
32	4/24/90	44.1'	5.74'	38.36'	1	1	0.163	6.3	18.8	20.0		
33	4/24/90	16.8'	4.86'	11.94'	1	1	0.163	1.9	5.8	10.0		
29	5/1/90	28.8'	26.72'	2.08'	1	1	0.163	.33	1.0	3.0		
31	5/1/90	16.8'	11.04'	5.76'	1	1	0.163	.94	2.8	3.0		
30	5/2/90	26.0'	10.77'	15.23'	1	1	0.163	2.48	7.4	8.0		
24	5/2/90	23.0'	17.57'	5.43'	1	1	0.163	.88	2.6	3.0		
38	5/3/90	48.0'	15.74'	32.26'	1	1	0.163	5.26	15.78	16.0		poor recovery, partial collected sample
14	5/3/90	20.0'	14.21'	5.79'	1	1	0.163	.94	2.8	3.0		
28	5/3/90	28.0'	15.84'	12.16'	1	1	0.163	1.98	5.9	6.0		
7	5/6/90	16.0'	6.43'	9.57'	1	1	0.163	1.56	4.7	8.0		
6	5/6/90	35.5'	12.57'	22.93'	1	1	0.163	3.7	11.2	12.0		
12	5/6/90	14.0'	5.23'	8.77'	1	1	0.163	1.4	4.3	5.0		
26	5/7/90	39.0'	29.27'	9.73'	1	1	0.163	1.6	4.8	30		Purged Dry @ 1515 hrs 5/7/90
18	5/7/90	27.0'	20.75'	6.25'	1	1	0.163	1.0	3.1	5.0		
15	5/7/90	18.0'	6.25'	11.75'	1	1	0.163	1.9	5.7	9.0		
17	5/8/90	39.5'	24.42'	15.08'	1	1	0.163	2.5	7.4	8.0		
10	5/14/90	14.0'	2.38'	11.62'	1	1	0.163	1.9	5.7	7.0		
9	5/14/90	26.0'	24.00'	2.0'	1	1	0.163	.3	1.0	2.0		
11	5/15/90	14.5'	6.15'	8.35'	1	1	0.163	1.4	4.1	5.0		
B8	5/16/90	15.0'	10.88'	4.12'	1	1	0.163	.7	2.0	2.0		partial sample collected purged dry twice, poor recovery

Thickness of Water Column (T) = 1-2
Static Volume in Gallons (V) = 3 x4 x 5

Well Sampling Field Record Form

Client: USEPA-Sa ner
Job No.: 04003.08

Well No.	Date Sampled	1 Depth of Well from Top of Casing	2 Depth to Water Level from Top of Casing	3 Thickness of Water Column (T)	Inside Radius of the Well in Inches (r)	4 Radius Squared (r^2)	5 Conver-sion Factor	6 Static Volume in Gallons (V)	Static Volume x 3 (Min Purge Volume)	Actual Volume Purged (Gal.)	Purging Method Used	Remarks
B5	5/16/90	15.0'	8.36'	6.64'	1	1	0.163	1.1	3.2	2.5		purged dry twice
19	5/16/90	32.0'	19.59'	12.41	1	1	0.163	2.0	6.0	8.0		
20	5/17/90	52.0'	41.25'	10.75'	1	1	0.163	1.8	5.3	6.0		
27	5/17/90	67.5'	66.2'	1.3	1	1	0.163	.2	.6	1.5		
					1	1	0.163					
					1	1	0.163					
					1	1	0.163					
					1	1	0.163					
					1	1	0.163					
					1	1	0.163					
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					1	1	0.163					
					1	1	0.163					
					1	1	0.163					
					1	1	0.163					

Thickness of Water Column (T) = 1-2
Static Volume in Gallons (V) = 3 x4 x 5