COMPLETE ANALYTICAL RESULTS

N-1 1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION – SOILS

N-2 1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION – GROUNDWATER

N-3 1999 VOC INVESTIGATION – GROUNDWATER

N-1 1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION – SOILS

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
C-1	C-1-1	1	2	6/17/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-1	C-1-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	2218		MG/KG
C-1	C-1-7	7	8	6/17/98	pH		pH	6.2		MG/KG
C-1	C-1-1TCLP	1	2	6/17/98	TCLP	7440-47-3	Chromium	9.3		MG/L
C-1	C-1-1	1	2	6/17/98	Inorganics	57-12-5	Cyanide	0.144	U	MG/KG
C-1	C-1-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	2460		MG/KG
C-1	C-1-1	1	2	6/17/98	pH		pH	5.9		MG/KG
C-1	C-1-1	1	2	6/17/98	pH		pH	5	U	MG/KG
C-10	C-10-1	1	2	6/17/98	pH		pH	7.3		MG/KG
C-10	C-10-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	176		MG/KG
C-10	C-10-7	7	8	6/17/98	pH		pH	6.9		MG/KG
C-10	C-10-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	6.6		MG/KG
C-11	C-11-7TCLP	7	8	6/17/98	TCLP	7440-47-3	Chromium	0.06	U	MG/L
C-11	C-11-1	1	2	6/17/98	pH		pH	8.1		MG/KG
C-11	C-11-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	8.31		MG/KG
C-11	C-11-7	7	8	6/17/98	pH		pH	7.4		MG/KG
C-11	C-11-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	5		MG/KG
C-11	C-11-7	7	8	6/17/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-11	C-11-7	7	8	6/17/98	Inorganics	57-12-5	Cyanide	0.144	U	MG/KG
C-12	C-12-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	17.1		MG/KG
C-12	C-12-1	1	2	6/18/98	pH		pH	8.5		MG/KG
C-13	C-13-7	7	8	6/17/98	Inorganics	57-12-5	Cyanide	0.144	U	MG/KG
C-13	C-13-7TCLP	7	8	6/17/98	TCLP	7440-47-3	Chromium	0.06	U	MG/L
C-13	C-13-7	7	8	6/17/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-13	C-13-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	7.4		MG/KG
C-13	C-13-7	7	8	6/17/98	pH		pH	6.5		MG/KG
C-13	C-13-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	90		MG/KG
C-13	C-13-1	1	2	6/17/98	pH		pH	7.1		MG/KG
C-14	C-14-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	6.93		MG/KG
C-14	C-14-7	7	8	6/17/98	pH		pH	6.5		MG/KG
C-14	C-14-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	4.82		MG/KG
C-14	C-14-1	1	2	6/17/98	pH		pH	6.4		MG/KG
C-15	C-15-1	1	2	6/18/98	pH		pH	8.1		MG/KG
C-15	C-15-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	12.1		MG/KG
C-16	C-16-1	1	2	6/18/98	pH		pH	8.3		MG/KG
C-16	C-16-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	59		MG/KG
C-17	C-17-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	33		MG/KG
C-17	C-17-1	1	2	6/18/98	pH		pH	6.5		MG/KG
C-18	C-18-7	7	8	6/18/98	Inorganics	57-12-5	Cyanide	0.579		MG/KG
C-18	C-18-7TCLP	7	8	6/18/98	TCLP	7440-47-3	Chromium	0.5		MG/L
C-18	C-18-7	7	8	6/18/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-18	C-18-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	576		MG/KG
C-18	C-18-7	7	8	6/18/98	pH		pH	5.7		MG/KG
C-18	C-18-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	360		MG/KG
C-18	C-18-1	1	2	6/18/98	pH		pH	6.7		MG/KG
C-19	C-19-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	16		MG/KG
C-19	C-19-1	1	2	6/18/98	pH		pH	9.7		MG/KG
C-2	C-2-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	51		MG/KG
C-2	C-2-1	1	2	6/17/98	pH		pH	7.5		MG/KG
C-2	C-2-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	196		MG/KG
C-2	C-2-7	7	8	6/17/98	pH		pH	6.1		MG/KG
C-20	C-20-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	12		MG/KG
C-20	C-20-7	7	8	6/18/98	pH		pH	7		MG/KG
C-20	C-20-1	1	2	6/18/98	pH		pH	9.7		MG/KG
C-20	C-20-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	6		MG/KG
C-21	C-21-1	1	2	6/18/98	pH		pH	7.9		MG/KG
C-21	C-21-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	26.4		MG/KG
C-22	C-22-1	1	2	6/18/98	pH		pH	7.7		MG/KG
C-22	C-22-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	24		MG/KG
C-23	C-23-1	1	2	6/18/98	pH		pH	9.9		MG/KG
C-23	C-23-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	14.2		MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
C-23	C-23-7	7	8	6/18/98	pH		pH	8.1		MG/KG
C-23	C-23-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	7.61		MG/KG
C-23	C-23-7	7	8	6/18/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-23	C-23-7	7	8	6/18/98	Inorganics	57-12-5	Cyanide	0.144	U	MG/KG
C-23	C-23-7TCLP	7	8	6/18/98	TCLP	7440-47-3	Chromium	0.06	U	MG/L
C-24	C-24-1	1	2	6/18/98	pH		pH	8		MG/KG
C-24	C-24-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	42.4		MG/KG
C-25	C-25-1	1	2	6/18/98	pH		pH	6.9		MG/KG
C-25	C-25-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	1245		MG/KG
C-26	C-26-1	1	2	6/18/98	pH		pH	6.8		MG/KG
C-26	C-26-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	781		MG/KG
C-26	C-26-7	7	8	6/18/98	pH		pH	6.3		MG/KG
C-26	C-26-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	121		MG/KG
C-27	C-27-7	7	8	6/18/98	Inorganics		Cyanide, Reactive	5	U	MG/KG
C-27	C-27-7	7	8	6/18/98	Inorganics	57-12-5	Cyanide	0.144	U	MG/KG
C-27	C-27-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	180		MG/KG
C-27	C-27-7	7	8	6/18/98	pH		pH	6.9		MG/KG
C-27	C-27-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	1917		MG/KG
C-27	C-27-1	1	2	6/18/98	pH		pH	5.2		MG/KG
C-27	C-27-7TCLP	7	8	6/18/98	TCLP	7440-47-3	Chromium	0.21		MG/L
C-28	C-28-1	1	2	6/18/98	pH		pH	7		MG/KG
C-28	C-28-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	12.7		MG/KG
C-28	C-28-7	7	8	6/18/98	pH		pH	8.4		MG/KG
C-28	C-28-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	33.1		MG/KG
C-29	C-29-1	1	2	6/18/98	pH		pH	6.3		MG/KG
C-29	C-29-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	29.3		MG/KG
C-29	C-29-7	7	8	6/18/98	pH		pH	6.9		MG/KG
C-29	C-29-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	45.4		MG/KG
C-3	C-3-1	1	2	6/17/98	pH		pH	8.1		MG/KG
C-3	C-3-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	114		MG/KG
C-3	C-3-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	70.4		MG/KG
C-3	C-3-7	7	8	6/17/98	pH		pH	5.3		MG/KG
C-30	C-30-1	1	2	6/18/98	pH		pH	8		MG/KG
C-30	C-30-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	76.3		MG/KG
C-30	C-30-7	7	8	6/18/98	pH		pH	6.5		MG/KG
C-30	C-30-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	160		MG/KG
C-4	C-4-1	1	2	6/17/98	pH		pH	6		MG/KG
C-4	C-4-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	362		MG/KG
C-4	C-4-7	7	8	6/17/98	pH		pH	6		MG/KG
C-4	C-4-7	7	8	6/17/98	Inorganics	7440-47-3	Chromium	4.44		MG/KG
C-5	C-5-1	1	2	6/18/98	pH		pH	6.9		MG/KG
C-5	C-5-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	56		MG/KG
C-5	C-5-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	135		MG/KG
C-5	C-5-7	7	8	6/18/98	pH		pH	5.8		MG/KG
C-6	C-6-1	1	2	6/17/98	pH		pH	6.4		MG/KG
C-6	C-6-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	25		MG/KG
C-7	C-7-1	1	2	6/17/98	pH		pH	8.1		MG/KG
C-7	C-7-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	22.4		MG/KG
C-8	C-8-1	1	2	6/17/98	pH		pH	6.2		MG/KG
C-8	C-8-1	1	2	6/17/98	Inorganics	7440-47-3	Chromium	3.43		MG/KG
C-9	C-9-7	7	8	6/18/98	pH		pH	6.1		MG/KG
C-9	C-9-7	7	8	6/18/98	Inorganics	7440-47-3	Chromium	106		MG/KG
C-9	C-9-1	1	2	6/18/98	pH		pH	6.2		MG/KG
C-9	C-9-1	1	2	6/18/98	Inorganics	7440-47-3	Chromium	118		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	74-87-3	Chloromethane	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	67-64-1	Acetone	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	71-43-2	Benzene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-27-4	Bromodichloromethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-25-2	Bromoform	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	74-83-9	Bromomethane	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-15-0	Carbon disulfide	0.32	U	MG/KG

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1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	56-23-5	Carbon tetrachloride	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	108-90-7	Chlorobenzene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	67-66-3	Chloroform	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	107-06-2	1,2-Dichloroethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	124-48-1	Dibromochloromethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-09-2	Dichloromethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	100-41-4	Ethylbenzene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	591-78-6	Methyl n-butyl ketone	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-00-3	Chloroethane	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SOLIDS	Q1082	Percent Solids			
PZ-99-01	PZ9901012XX	10	12	8/20/99	PAH	91-20-3	Naphthalene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	1330-20-7	Xylenes	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	98-95-3	Nitrobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	78-93-3	2-Butanone	0.64	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-02-0	Nickel	5.38		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	78-87-5	1,2-Dichloropropane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	71-55-6	1,1,1-Trichloroethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	79-00-5	1,1,2-Trichloroethane	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-34-3	1,1-Dichloroethane	0.32	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	67-66-3	Chloroform	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-35-4	1,1-Dichloroethene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Cation	Q131	Cation Exchange Capacity	230		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	100-42-5	Styrene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	18540-29-9	Hexavalent Chromium	17.8	J	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	591-78-6	Methyl n-butyl ketone	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	108-90-7	Chlorobenzene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-00-3	Chloroethane	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	74-87-3	Chloromethane	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	124-48-1	Dibromochloromethane	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-09-2	Dichloromethane	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-15-0	Carbon disulfide	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	74-83-9	Bromomethane	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	100-42-5	Styrene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	127-18-4	Tetrachloroethene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	108-88-3	Toluene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	79-01-6	Trichloroethene	0.17	J	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-01-4	Vinyl Chloride	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	TOC	7440-44-0	Total Organic Carbon	930		MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	100-41-4	Ethylbenzene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-34-3	1,1-Dichloroethane	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	108-88-3	Toluene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	79-01-6	Trichloroethene	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	75-01-4	Vinyl Chloride	0.32	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	1330-20-7	Xylenes	0.32	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	71-55-6	1,1,1-Trichloroethane	0.25	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	56-23-5	Carbon tetrachloride	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	79-00-5	1,1,2-Trichloroethane	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	VOA	127-18-4	Tetrachloroethene	0.32	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-35-4	1,1-Dichloroethene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	107-06-2	1,2-Dichloroethane	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	78-87-5	1,2-Dichloropropane	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	78-93-3	2-Butanone	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	67-64-1	Acetone	0.5	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	71-43-2	Benzene	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-27-4	Bromodichloromethane	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	75-25-2	Bromoform	0.25	U	MG/KG
PZ-99-01	PZ9901027XX	25	27	8/20/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7439-96-5	Manganese	75.6	J	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-66-6	Zinc	12.4		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7439-97-6	Mercury	0.129	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	120-83-2	2,4-Dichlorophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	99-09-2	3-Nitroaniline	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	51-28-5	2,4-Dinitrophenol	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-41-7	Beryllium	0.0863	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	91-58-7	2-Chloronaphthalene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	95-57-8	2-chlorophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	91-57-6	2-Methylnaphthalene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	95-48-7	2-Methylphenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	88-74-4	2-Nitroaniline	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	88-75-5	2-Nitrophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	105-67-9	2,4-Dimethylphenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7439-95-4	Magnesium	1160		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	57-12-5	Cyanide	3.6	J	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	118-74-1	Hexachlorobenzene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-01	PZ9901012XX	10	12	8/20/99	TPH	TPH	TPHC	19	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-36-0	Antimony	0.309	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-42-8	Boron	11.6	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-43-9	Cadmium	0.371		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-47-3	Chromium	66.8		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7439-89-6	Iron	4710		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7439-92-1	Lead	2.14		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-50-8	Copper	119	J	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-22-4	Silver	0.232	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-23-5	Sodium	72.4		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-28-0	Thallium	0.837	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-62-2	Vanadium	6.01		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-09-7	Potassium	960		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7782-49-2	Selenium	0.631	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7429-90-5	Aluminum	2820		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-70-2	Calcium	438		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-48-4	Cobalt	2.37		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	67-72-1	Hexachloroethane	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	85-68-7	Butylbenzyl phthalate	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	218-01-9	Chrysene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	84-74-2	Di-n-butyl phthalate	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	117-84-0	Di-n-octyl phthalate	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	132-64-9	Dibenzofuran	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	131-11-3	Dimethyl phthalate	0.43	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	77-47-4	Hexachlorocyclopentadien	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	84-66-2	Diethyl phthalate	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	78-59-1	Isophorone	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	87-86-5	Pentachlorophenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	85-01-8	Phenanthrene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	129-00-0	Pyrene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	Inorganics	7440-39-3	Barium	10.1		MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	108-95-2	Phenol	0.047	J	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	87-68-3	Hexachlorobutadiene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	83-32-9	Acenaphthene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	59-50-7	4-Chloro-3-cresol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	106-47-8	4-Chloroaniline	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	206-44-0	Fluoranthene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	106-44-5	4-methylphenol	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	100-01-6	4-Nitroaniline	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	100-02-7	4-Nitrophenol	2.1	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	86-73-7	9H-Fluorene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	208-96-8	Acenaphthylene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	86-74-8	Carbazole	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	191-24-2	Benzo[ghi]perylene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	50-32-8	Benzo[a]pyrene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	56-55-3	Benzo[a]anthracene	0.43	U	MG/KG
PZ-99-01	PZ9901012XX	10	12	8/20/99	SVOA	120-12-7	Anthracene	0.43	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	71-55-6	1,1,1-Trichloroethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	118-74-1	Hexachlorobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	98-95-3	Nitrobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	18540-29-9	Hexavalent Chromium	256		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-02-0	Nickel	4.84		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.4	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	79-00-5	1,1,2-Trichloroethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-34-3	1,1-Dichloroethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-35-4	1,1-Dichloroethene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	107-06-2	1,2-Dichloroethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	78-93-3	2-Butanone	1.2	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	85-68-7	Butylbenzyl phthalate	0.4	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	67-64-1	Acetone	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	71-43-2	Benzene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	78-87-5	1,2-Dichloropropane	0.62	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	87-68-3	Hexachlorobutadiene	0.4	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-22-4	Silver	0.223	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-27-4	Bromodichloromethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	218-01-9	Chrysene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	117-84-0	Di-n-octyl phthalate	0.4	U	MG/KG

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OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	132-64-9	Dibenzofuran	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	84-66-2	Diethyl phthalate	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	84-74-2	Di-n-butyl phthalate	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	206-44-0	Fluoranthene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	PAH	91-20-3	Naphthalene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	77-47-4	Hexachlorocyclopentadier	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	67-72-1	Hexachloroethane	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	78-59-1	Isophorone	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	87-86-5	Pentachlorophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	85-01-8	Phenanthrene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	108-95-2	Phenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	129-00-0	Pyrene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	57-12-5	Cyanide	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	TOC	7440-44-0	Total Organic Carbon	580		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	131-11-3	Dimethyl phthalate	0.4	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-62-2	Vanadium	8.15		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-42-8	Boron	11.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-39-3	Barium	12.5		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-70-2	Calcium	814		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-47-3	Chromium	266	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-48-4	Cobalt	3.44		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7439-89-6	Iron	5780		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7439-92-1	Lead	1.92		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7439-95-4	Magnesium	1590		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7439-96-5	Manganese	230	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	TPH	TPH	TPHC	8.7	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-23-5	Sodium	192		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SOLIDS	Q1082	Percent Solids			
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-66-6	Zinc	13.8		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-36-0	Antimony	0.298	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.4	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-43-9	Cadmium	0.0558	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-36-0	Antimony	0.292	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-28-0	Thallium	0.806	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7782-49-2	Selenium	0.608	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-41-7	Beryllium	0.0831	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-50-8	Copper	9.47	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.55		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-09-7	Potassium	654		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	100-41-4	Ethylbenzene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	74-83-9	Bromomethane	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-15-0	Carbon disulfide	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	56-23-5	Carbon tetrachloride	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	108-90-7	Chlorobenzene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-00-3	Chloroethane	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	67-66-3	Chloroform	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	74-87-3	Chloromethane	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7429-90-5	Aluminum	3110		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-09-2	Dichloromethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-25-2	Bromoform	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	591-78-6	Methyl n-butyl ketone	1.2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	100-42-5	Styrene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	127-18-4	Tetrachloroethene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	108-88-3	Toluene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.62	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	79-01-6	Trichloroethene	14		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	75-01-4	Vinyl Chloride	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	1330-20-7	Xylenes	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	VOA	124-48-1	Dibromochloromethane	0.62	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	1330-20-7	Xylenes	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-09-2	Dichloromethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	100-41-4	Ethylbenzene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	591-78-6	Methyl n-butyl ketone	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	100-42-5	Styrene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	127-18-4	Tetrachloroethene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	108-88-3	Toluene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7439-92-1	Lead	2.08		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-01-4	Vinyl Chloride	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SOLIDS	Q1082	Percent Solids			
PZ-99-02	PZ9902027XD	25	27	8/18/99	TPH	TPH	TPHC	11	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7429-90-5	Aluminum	2310		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-39-3	Barium	8.54		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-70-2	Calcium	599		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-47-3	Chromium	231	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-48-4	Cobalt	2.53		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-50-8	Copper	7.38		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-43-9	Cadmium	0.0547	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	79-01-6	Trichloroethene	11		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	71-43-2	Benzene	0.3	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	50-32-8	Benzo[a]pyrene	0.53		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	71-55-6	1,1,1-Trichloroethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	79-00-5	1,1,2-Trichloroethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-34-3	1,1-Dichloroethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-35-4	1,1-Dichloroethene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	107-06-2	1,2-Dichloroethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	78-87-5	1,2-Dichloropropane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	124-48-1	Dibromochloromethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	67-64-1	Acetone	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-27-4	Bromodichloromethane	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-25-2	Bromoform	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	74-83-9	Bromomethane	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-15-0	Carbon disulfide	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	56-23-5	Carbon tetrachloride	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	108-90-7	Chlorobenzene	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	75-00-3	Chloroethane	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	67-66-3	Chloroform	0.3	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	74-87-3	Chloromethane	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7439-95-4	Magnesium	1160		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	VOA	78-93-3	2-Butanone	0.61	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	86-74-8	Carbazole	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	88-75-5	2-Nitrophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	99-09-2	3-Nitroaniline	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	59-50-7	4-Chloro-3-cresol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	106-47-8	4-Chloroaniline	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	106-44-5	4-methylphenol	0.4	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7439-89-6	Iron	4150		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	100-02-7	4-Nitrophenol	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	91-57-6	2-Methylnaphthalene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	86-73-7	9H-Fluorene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	83-32-9	Acenaphthene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	208-96-8	Acenaphthylene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	120-12-7	Anthracene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	56-55-3	Benzo[a]anthracene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	50-32-8	Benzo[a]pyrene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.25	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	191-24-2	Benzo[ghi]perylene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.26	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	100-01-6	4-Nitroaniline	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7439-96-5	Manganese	170	J	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-09-7	Potassium	428		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-23-5	Sodium	188		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-62-2	Vanadium	5.97		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-66-6	Zinc	8.82		MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-42-8	Boron	10.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-22-4	Silver	0.219	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-28-0	Thallium	0.79	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7782-49-2	Selenium	0.595	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	88-74-4	2-Nitroaniline	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7439-97-6	Mercury	0.122	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	95-48-7	2-Methylphenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	120-83-2	2,4-Dichlorophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	105-67-9	2,4-Dimethylphenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	51-28-5	2,4-Dinitrophenol	1.9	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	91-58-7	2-Chloronaphthalene	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	95-57-8	2-chlorophenol	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.4	U	MG/KG
PZ-99-02	PZ9902027XD	25	27	8/18/99	Inorganics	7440-41-7	Beryllium	0.0814	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	108-90-7	Chlorobenzene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7439-96-5	Manganese	124	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	100-41-4	Ethylbenzene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-09-2	Dichloromethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	124-48-1	Dibromochloromethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	74-87-3	Chloromethane	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	591-78-6	Methyl n-butyl ketone	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-00-3	Chloroethane	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	100-42-5	Styrene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	56-23-5	Carbon tetrachloride	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-15-0	Carbon disulfide	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	74-83-9	Bromomethane	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-25-2	Bromoform	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-27-4	Bromodichloromethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	71-43-2	Benzene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	67-64-1	Acetone	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	78-93-3	2-Butanone	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	67-66-3	Chloroform	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	TPH	TPH	TPHC	25	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	108-60-1	bis(2-chloroisopropyl) Ethe	0.44	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7439-92-1	Lead	2.22		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7439-89-6	Iron	6400		MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-50-8	Copper	5.91	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-48-4	Cobalt	3.67		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-47-3	Chromium	41.5	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-70-2	Calcium	829		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7429-90-5	Aluminum	2810		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-35-4	1,1-Dichloroethene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SOLIDS	Q1082	Percent Solids			
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	1330-20-7	Xylenes	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-01-4	Vinyl Chloride	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	79-01-6	Trichloroethene	2.2		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	108-88-3	Toluene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	127-18-4	Tetrachloroethene	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-39-3	Barium	14.4		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	131-11-3	Dimethyl phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	108-95-2	Phenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	85-01-8	Phenanthrene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	87-86-5	Pentachlorophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	78-59-1	Isophorone	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	67-72-1	Hexachloroethane	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	77-47-4	Hexachlorocyclopentadien	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	78-87-5	1,2-Dichloropropane	0.32	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	206-44-0	Fluoranthene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	TOC	7440-44-0	Total Organic Carbon	1300		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	84-66-2	Diethyl phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	132-64-9	Dibenzofuran	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	117-84-0	Di-n-octyl phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	84-74-2	Di-n-butyl phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	218-01-9	Chrysene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	85-68-7	Butylbenzyl phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	87-68-3	Hexachlorobutadiene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.44	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-09-7	Potassium	785		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	75-34-3	1,1-Dichloroethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	79-00-5	1,1,2-Trichloroethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	71-55-6	1,1,1-Trichloroethane	0.32	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	18540-29-9	Hexavalent Chromium	151	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SOLIDS	Q1082	Percent Solids			
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	129-00-0	Pyrene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	98-95-3	Nitrobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	57-12-5	Cyanide	0.67	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	118-74-1	Hexachlorobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	PAH	91-20-3	Naphthalene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Cation	Q131	Cation Exchange Capacity	650		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	VOA	107-06-2	1,2-Dichloroethane	0.32	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-02-0	Nickel	5.61		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	84-74-2	Di-n-butyl phthalate	0.047	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7439-95-4	Magnesium	1660		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	77-47-4	Hexachlorocyclopentadien	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	87-68-3	Hexachlorobutadiene	0.42	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	206-44-0	Fluoranthene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	131-11-3	Dimethyl phthalate	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	84-66-2	Diethyl phthalate	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	132-64-9	Dibenzofuran	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	117-84-0	Di-n-octyl phthalate	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	78-59-1	Isophorone	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	218-01-9	Chrysene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	85-68-7	Butylbenzyl phthalate	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.067	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	191-24-2	Benzo[ghi]perylene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7439-97-6	Mercury	0.124	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-02-0	Nickel	7.65		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	18540-29-9	Hexavalent Chromium	23.8		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	98-95-3	Nitrobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	118-74-1	Hexachlorobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	67-72-1	Hexachloroethane	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	56-55-3	Benzo[a]anthracene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	PAH	91-20-3	Naphthalene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Cation	Q131	Cation Exchange Capacity	480		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	TOC	7440-44-0	Total Organic Carbon	950		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	57-12-5	Cyanide	0.64	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	129-00-0	Pyrene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	108-95-2	Phenol	0.096	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	85-01-8	Phenanthrene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	87-86-5	Pentachlorophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7439-97-6	Mercury	0.128	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	91-58-7	2-Chloronaphthalene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	51-28-5	2,4-Dinitrophenol	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	105-67-9	2,4-Dimethylphenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	120-83-2	2,4-Dichlorophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	95-48-7	2-Methylphenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-41-7	Beryllium	0.086	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7782-49-2	Selenium	0.629	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-28-0	Thallium	0.834	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-22-4	Silver	0.231	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-42-8	Boron	11.6	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-66-6	Zinc	42.8		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-62-2	Vanadium	8.75		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-23-5	Sodium	505		MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	106-47-8	4-Chloroaniline	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-36-0	Antimony	0.308	J	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	120-12-7	Anthracene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	208-96-8	Acenaphthylene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	83-32-9	Acenaphthene	0.42	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	86-73-7	9H-Fluorene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	86-74-8	Carbazole	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	100-02-7	4-Nitrophenol	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	100-01-6	4-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	95-57-8	2-chlorophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	91-57-6	2-Methylnaphthalene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	59-50-7	4-Chloro-3-cresol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	99-09-2	3-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	88-75-5	2-Nitrophenol	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	88-74-4	2-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	50-32-8	Benzo[a]pyrene	0.42	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	SVOA	106-44-5	4-methylphenol	0.42	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	78-59-1	Isophorone	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-25-2	Bromoform	1.3	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	PAH	91-20-3	Naphthalene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Cation	Q131	Cation Exchange Capacity	530		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	TOC	7440-44-0	Total Organic Carbon	1000		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	57-12-5	Cyanide	0.62	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	129-00-0	Pyrene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	108-95-2	Phenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	87-86-5	Pentachlorophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.37	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	67-72-1	Hexachloroethane	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	77-47-4	Hexachlorocyclopentadier	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	87-68-3	Hexachlorobutadiene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	206-44-0	Fluoranthene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	131-11-3	Dimethyl phthalate	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	84-66-2	Diethyl phthalate	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	132-64-9	Dibenzofuran	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	85-01-8	Phenanthrene	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-27-4	Bromodichloromethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	71-43-2	Benzene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	67-64-1	Acetone	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	78-93-3	2-Butanone	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	78-87-5	1,2-Dichloropropane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	107-06-2	1,2-Dichloroethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-35-4	1,1-Dichloroethene	1.3	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	79-00-5	1,1,2-Trichloroethane	1.3	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	71-55-6	1,1,1-Trichloroethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	7440-02-0	Nickel	6.5		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	Inorganics	18540-29-9	Hexavalent Chromium	263		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	98-95-3	Nitrobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	118-74-1	Hexachlorobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-34-3	1,1-Dichloroethane	1.3	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	105-67-9	2,4-Dimethylphenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	88-75-5	2-Nitrophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	88-74-4	2-Nitroaniline	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	95-48-7	2-Methylphenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	91-57-6	2-Methylnaphthalene	0.41	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	95-57-8	2-chlorophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	91-58-7	2-Chloronaphthalene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	84-74-2	Di-n-butyl phthalate	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	51-28-5	2,4-Dinitrophenol	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	120-83-2	2,4-Dichlorophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	117-84-0	Di-n-octyl phthalate	0.56		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.44	U	MG/KG
PZ-99-02	PZ9902052XX	50	52	8/18/99	Inorganics	7440-43-9	Cadmium	0.0578	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.7		MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	86-74-8	Carbazole	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	191-24-2	Benzo[ghi]perylene	0.24	J	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	56-55-3	Benzo[a]anthracene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	120-12-7	Anthracene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	208-96-8	Acenaphthylene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	86-73-7	9H-Fluorene	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	99-09-2	3-Nitroaniline	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	100-02-7	4-Nitrophenol	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	100-01-6	4-Nitroaniline	2	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	106-44-5	4-methylphenol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	106-47-8	4-Chloroaniline	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	59-50-7	4-Chloro-3-cresol	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	85-68-7	Butylbenzyl phthalate	0.41	U	MG/KG
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	83-32-9	Acenaphthene	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	120-83-2	2,4-Dichlorophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-43-9	Cadmium	0.0603	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	88-74-4	2-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	91-57-6	2-Methylnaphthalene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	95-57-8	2-chlorophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	91-58-7	2-Chloronaphthalene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	105-67-9	2,4-Dimethylphenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7439-97-6	Mercury	0.134	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-41-7	Beryllium	0.0898	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7782-49-2	Selenium	0.657	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-28-0	Thallium	0.872	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-22-4	Silver	0.241	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	51-28-5	2,4-Dinitrophenol	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	83-32-9	Acenaphthene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	191-24-2	Benzo[ghi]perylene	0.44	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-02	PZ9902027XX	25	27	8/18/99	SVOA	218-01-9	Chrysene	0.41	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	74-83-9	Bromomethane	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	50-32-8	Benzo[a]pyrene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	56-55-3	Benzo[a]anthracene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	99-09-2	3-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	208-96-8	Acenaphthylene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	95-48-7	2-Methylphenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	86-73-7	9H-Fluorene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	86-74-8	Carbazole	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	100-02-7	4-Nitrophenol	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	100-01-6	4-Nitroaniline	2.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	106-44-5	4-methylphenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	106-47-8	4-Chloroaniline	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	59-50-7	4-Chloro-3-cresol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	120-12-7	Anthracene	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	124-48-1	Dibromochloromethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-01-4	Vinyl Chloride	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	79-01-6	Trichloroethene	28		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	10061-02-6	trans-1,3-Dichloropropene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	156-60-5	trans-1,2-Dichloroethene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	108-88-3	Toluene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	127-18-4	Tetrachloroethene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	591-78-6	Methyl n-butyl ketone	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-15-0	Carbon disulfide	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	1330-20-7	Xylenes	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-09-2	Dichloromethane	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	100-42-5	Styrene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	156-59-2	cis-1,2-Dichloroethene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	74-87-3	Chloromethane	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	67-66-3	Chloroform	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SVOA	88-75-5	2-Nitrophenol	0.44	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	75-00-3	Chloroethane	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	108-90-7	Chlorobenzene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	56-23-5	Carbon tetrachloride	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	100-41-4	Ethylbenzene	1.3	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7439-95-4	Magnesium	1430		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-42-8	Boron	12.1	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-36-0	Antimony	0.322	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	2.7	U	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-62-2	Vanadium	7.69		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-23-5	Sodium	331		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7439-96-5	Manganese	148	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-66-6	Zinc	13.3		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7439-92-1	Lead	1.74		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7439-89-6	Iron	5530		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7429-90-5	Aluminum	2810		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-48-4	Cobalt	2.96		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-47-3	Chromium	293	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-70-2	Calcium	841		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-39-3	Barium	12.5		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	SOLIDS	Q1082	Percent Solids			
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-50-8	Copper	7.31	J	MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	Inorganics	7440-09-7	Potassium	1130		MG/KG
PZ-99-02	PZ9902032XX	30	32	8/18/99	TPH	TPH	TPHC	13	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	71-43-2	Benzene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-27-4	Bromodichloromethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-25-2	Bromoform	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	74-83-9	Bromomethane	0.62	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	67-66-3	Chloroform	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	56-23-5	Carbon tetrachloride	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	108-90-7	Chlorobenzene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	67-64-1	Acetone	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-00-3	Chloroethane	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-15-0	Carbon disulfide	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	78-93-3	2-Butanone	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	78-87-5	1,2-Dichloropropane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	107-06-2	1,2-Dichloroethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-35-4	1,1-Dichloroethene	0.31	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-02-0	Nickel	15.5		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	79-00-5	1,1,2-Trichloroethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	71-55-6	1,1,1-Trichloroethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SOLIDS	Q1082	Percent Solids			
PZ-99-03	PZ9903032XX	30	32	8/17/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-34-3	1,1-Dichloroethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	108-88-3	Toluene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	TPH	TPH	TPHC	11	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	83-32-9	Acenaphthene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	18540-29-9	Hexavalent Chromium	4.3		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-36-0	Antimony	0.536	J	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7429-90-5	Aluminum	4150		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-39-3	Barium	15.4		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-01-4	Vinyl Chloride	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	79-01-6	Trichloroethene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	1330-20-7	Xylenes	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	74-87-3	Chloromethane	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	127-18-4	Tetrachloroethene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	100-42-5	Styrene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	591-78-6	Methyl n-butyl ketone	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	100-41-4	Ethylbenzene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	75-09-2	Dichloromethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	124-48-1	Dibromochloromethane	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.31	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.31	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	117-84-0	Di-n-octyl phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	84-74-2	Di-n-butyl phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	218-01-9	Chrysene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	85-68-7	Butylbenzyl phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	120-12-7	Anthracene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	191-24-2	Benzo[ghi]perylene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	206-44-0	Fluoranthene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	50-32-8	Benzo[a]pyrene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	56-55-3	Benzo[a]anthracene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	208-96-8	Acenaphthylene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	86-73-7	9H-Fluorene	0.4	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-70-2	Calcium	1100		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.41	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	86-74-8	Carbazole	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	100-02-7	4-Nitrophenol	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	129-00-0	Pyrene	0.4	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	118-74-1	Hexachlorobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	PAH	91-20-3	Naphthalene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Cation	Q131	Cation Exchange Capacity	390		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	57-12-5	Cyanide	0.85		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	84-66-2	Diethyl phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	108-95-2	Phenol	0.043	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	85-01-8	Phenanthrene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	87-86-5	Pentachlorophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	78-59-1	Isophorone	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	67-72-1	Hexachloroethane	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	77-47-4	Hexachlorocyclopentadier	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	87-68-3	Hexachlorobutadiene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	98-95-3	Nitrobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	TOC	7440-44-0	Total Organic Carbon	750		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	83-32-9	Acenaphthene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	131-11-3	Dimethyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	84-66-2	Diethyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	132-64-9	Dibenzofuran	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	117-84-0	Di-n-octyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	84-74-2	Di-n-butyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	218-01-9	Chrysene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	87-68-3	Hexachlorobutadiene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	77-47-4	Hexachlorocyclopentadier	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	191-24-2	Benzo[ghi]perylene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	50-32-8	Benzo[a]pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	56-55-3	Benzo[a]anthracene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	120-12-7	Anthracene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	85-68-7	Butylbenzyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Cation	Q131	Cation Exchange Capacity	450		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	132-64-9	Dibenzofuran	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	100-01-6	4-Nitroaniline	1.9	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-02-0	Nickel	9.37		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	18540-29-9	Hexavalent Chromium	3.5		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	98-95-3	Nitrobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	118-74-1	Hexachlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	206-44-0	Fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	PAH	91-20-3	Naphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	86-73-7	9H-Fluorene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	TOC	7440-44-0	Total Organic Carbon	1200		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	57-12-5	Cyanide	0.62	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	129-00-0	Pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	108-95-2	Phenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	85-01-8	Phenanthrene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	87-86-5	Pentachlorophenol	0.41	U	MG/KG

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1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	78-59-1	Isophorone	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	67-72-1	Hexachloroethane	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-66-6	Zinc	17.8		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	208-96-8	Acenaphthylene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7439-97-6	Mercury	0.124	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-41-7	Beryllium	0.0828	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7782-49-2	Selenium	0.606	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-28-0	Thallium	0.804	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-22-4	Silver	0.223	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	120-83-2	2,4-Dichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-42-8	Boron	11.1	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	105-67-9	2,4-Dimethylphenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-62-2	Vanadium	12.1		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-23-5	Sodium	314		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-09-7	Potassium	1250		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7439-96-5	Manganese	141	J	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7439-95-4	Magnesium	2260		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7439-92-1	Lead	2.04		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7439-89-6	Iron	7910		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-50-8	Copper	8.34	J	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-48-4	Cobalt	3.86		MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-43-9	Cadmium	0.0556	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	86-74-8	Carbazole	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	100-02-7	4-Nitrophenol	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	100-01-6	4-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	106-44-5	4-methylphenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	106-47-8	4-Chloroaniline	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	59-50-7	4-Chloro-3-cresol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	99-09-2	3-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	Inorganics	7440-47-3	Chromium	16.7	J	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	88-75-5	2-Nitrophenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	88-74-4	2-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	95-48-7	2-Methylphenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	91-57-6	2-Methylnaphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	95-57-8	2-chlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	91-58-7	2-Chloronaphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.41	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	51-28-5	2,4-Dinitrophenol	2	U	MG/KG
PZ-99-03	PZ9903032XX	30	32	8/17/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	56-55-3	Benzo[a]anthracene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	106-47-8	4-Chloroaniline	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	85-68-7	Butylbenzyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	117-81-7	Bis(2-ethylhexyl) phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	108-60-1	bis(2-chloroisopropyl) Eth	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	111-44-4	bis(2-chloroethyl) Ether	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	111-91-1	bis(2-chloroethoxy) Metha	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	207-08-9	Benzo[k]fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	191-24-2	Benzo[ghi]perylene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	84-74-2	Di-n-butyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	50-32-8	Benzo[a]pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	117-84-0	Di-n-octyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	120-12-7	Anthracene	0.41	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	208-96-8	Acenaphthylene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	83-32-9	Acenaphthene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	86-73-7	9H-Fluorene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	86-74-8	Carbazole	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	100-02-7	4-Nitrophenol	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	100-01-6	4-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	106-44-5	4-methylphenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	541-73-1	1,3-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	205-99-2	Benzo[b]fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	78-59-1	Isophorone	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	95-50-1	1,2-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	120-82-1	1,2,4-Trichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	PAH	91-20-3	Naphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Cation	Q131	Cation Exchange Capacity	170		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	TOC	7440-44-0	Total Organic Carbon	1100		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	57-12-5	Cyanide	0.63	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	129-00-0	Pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	108-95-2	Phenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	218-01-9	Chrysene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	87-86-5	Pentachlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	59-50-7	4-Chloro-3-cresol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	193-39-5	Indeno[1,2,3-c,d]pyrene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	67-72-1	Hexachloroethane	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	77-47-4	Hexachlorocyclopentadier	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	87-68-3	Hexachlorobutadiene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	206-44-0	Fluoranthene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	131-11-3	Dimethyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	84-66-2	Diethyl phthalate	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	132-64-9	Dibenzofuran	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	53-70-3	Dibenz[ah]anthracene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	85-01-8	Phenanthrene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7439-92-1	Lead	1.31		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-43-9	Cadmium	0.0565	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-42-8	Boron	11.3	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-36-0	Antimony	0.301	J	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-66-6	Zinc	8.46		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-62-2	Vanadium	12.2		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-23-5	Sodium	84.6		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-09-7	Potassium	569		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-28-0	Thallium	0.816	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7439-95-4	Magnesium	752		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7782-49-2	Selenium	0.615	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-50-8	Copper	7.17	J	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-47-3	Chromium	12.6	J	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-70-2	Calcium	319		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-39-3	Barium	13.8		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7429-90-5	Aluminum	1590		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	TPH	TPH	TPHC	18	J	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SOLIDS	Q1082	Percent Solids			
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	106-44-5	4-methylphenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	131-11-3	Dimethyl phthalate	0.4	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7439-96-5	Manganese	41.2	J	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	99-09-2	3-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	88-75-5	2-Nitrophenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	88-74-4	2-Nitroaniline	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	95-48-7	2-Methylphenol	0.41	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	91-57-6	2-Methylnaphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-22-4	Silver	0.226	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	91-58-7	2-Chloronaphthalene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7439-89-6	Iron	2660		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	51-28-5	2,4-Dinitrophenol	2	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	105-67-9	2,4-Dimethylphenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	120-83-2	2,4-Dichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7439-97-6	Mercury	0.126	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-41-7	Beryllium	0.0841	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	95-57-8	2-chlorophenol	0.41	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-09-7	Potassium	541		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-41-7	Beryllium	0.0805	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7782-49-2	Selenium	0.588	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-28-0	Thallium	0.781	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-22-4	Silver	0.216	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-43-9	Cadmium	0.054	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-42-8	Boron	10.8	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-36-0	Antimony	0.288	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-66-6	Zinc	14.3		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-39-3	Barium	11.6		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-23-5	Sodium	130		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	95-95-4	2,4,5-Trichlorophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7439-96-5	Manganese	123	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7439-95-4	Magnesium	2130		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7439-92-1	Lead	1.32		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7439-89-6	Iron	5790		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-50-8	Copper	6.28	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-48-4	Cobalt	3.03		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-47-3	Chromium	22.4	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-70-2	Calcium	509		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7440-62-2	Vanadium	9.49		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	91-57-6	2-Methylnaphthalene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	106-47-8	4-Chloroaniline	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	7005-72-3	4-Chlorophenylphenyl Eth	0.4	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-48-4	Cobalt	1.19		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	118-74-1	Hexachlorobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	59-50-7	4-Chloro-3-cresol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	101-55-3	4-Bromophenylphenyl Eth	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	99-09-2	3-Nitroaniline	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	88-75-5	2-Nitrophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7439-97-6	Mercury	0.12	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	95-48-7	2-Methylphenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	106-46-7	1,4-Dichlorobenzene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	95-57-8	2-chlorophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	91-58-7	2-Chloronaphthalene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	606-20-2	2,6-Dinitrotoluene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	121-14-2	2,4-Dinitrotoluene	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	51-28-5	2,4-Dinitrophenol	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	105-67-9	2,4-Dimethylphenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	120-83-2	2,4-Dichlorophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	88-06-2	2,4,6-Trichlorophenol	0.4	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	91-94-1	3,3'-Dichlorobenzidine	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	88-74-4	2-Nitroaniline	1.9	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	79-00-5	1,1,2-Trichloroethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	74-83-9	Bromomethane	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-25-2	Bromoform	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-27-4	Bromodichloromethane	0.3	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	71-43-2	Benzene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	67-64-1	Acetone	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	78-93-3	2-Butanone	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	78-87-5	1,2-Dichloropropane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	107-06-2	1,2-Dichloroethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-15-0	Carbon disulfide	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-34-3	1,1-Dichloroethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	71-55-6	1,1,1-Trichloroethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	79-34-5	1,1,2,2-Tetrachloroethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SOLIDS	Q1082	Percent Solids	0		
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	98-95-3	Nitrobenzene	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	7440-02-0	Nickel	6.34		MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	621-64-7	N-Nitrosodi-n-propylamine	0.41	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	SVOA	86-30-6	N-Nitrosodiphenylamine	0.41	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	Inorganics	7429-90-5	Aluminum	3460		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SVOA	534-52-1	4,6-Dinitro-2-cresol	1.9	U	MG/KG
PZ-99-03	PZ9903012XX	10	12	8/17/99	Inorganics	18540-29-9	Hexavalent Chromium	4.7		MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-35-4	1,1-Dichloroethene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	108-88-3	Toluene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	1330-20-7	Xylenes	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-01-4	Vinyl Chloride	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	79-01-6	Trichloroethene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	56-23-5	Carbon tetrachloride	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	SOLIDS	Q1082	Percent Solids			
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	156-60-5	trans-1,2-Dichloroethene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	127-18-4	Tetrachloroethene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	100-42-5	Styrene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	TPH	TPH	TPHC	23	J	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	591-78-6	Methyl n-butyl ketone	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	108-90-7	Chlorobenzene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	10061-02-6	trans-1,3-Dichloropropene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	108-10-1	Methyl Isobutyl Ketone / 4	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-00-3	Chloroethane	0.6	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	67-66-3	Chloroform	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	156-59-2	cis-1,2-Dichloroethene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	10061-01-5	cis-1,3-Dichloropropylene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	124-48-1	Dibromochloromethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	75-09-2	Dichloromethane	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	100-41-4	Ethylbenzene	0.3	U	MG/KG
PZ-99-03	PZ9903022XX	20	22	8/17/99	VOA	74-87-3	Chloromethane	0.6	U	MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	TCLP	7440-47-3	Chromium	7.3		MG/L
SP-98-01	SP0107	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	80.4		MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	7440-47-3	Chromium	705		MG/KG
SP-98-01	SP0107	7	9	8/20/98	Inorganics	7440-47-3	Chromium	586		MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	1.1	U	MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	7440-02-0	Nickel	8.4		MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	57-12-5	Cyanide	0.55	U	MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	110	U	MG/KG
SP-98-01	SP0100	0.25	2	8/20/98	Inorganics	7439-96-5	Manganese	174		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	7440-02-0	Nickel	6.9		MG/KG
SP-98-02	SP0207	7	9	8/20/98	Inorganics	7440-47-3	Chromium	162		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	110	U	MG/KG
SP-98-02	SP0207	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	35.7		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	7439-96-5	Manganese	156		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	72.7		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	57-12-5	Cyanide	0.55	U	MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	Inorganics	7440-47-3	Chromium	279		MG/KG
SP-98-02	SP0200	0.33	2	8/20/98	TCLP	7440-47-3	Chromium	3.7		MG/L
SP-98-03	SP0300	0.25	2	8/20/98	TCLP	7440-47-3	Chromium	1.1		MG/L

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-98-03	SP0307	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	59.2		MG/KG
SP-98-03	SP0307	7	9	8/20/98	Inorganics	7440-47-3	Chromium	1380		MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	120	U	MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	7440-02-0	Nickel	4.6	U	MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	7439-96-5	Manganese	152		MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	3.7		MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	7440-47-3	Chromium	910		MG/KG
SP-98-03	SP0300	0.25	2	8/20/98	Inorganics	57-12-5	Cyanide	230		MG/KG
SP-98-04	SP0407	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	41.9		MG/KG
SP-98-04	SP0407	7	9	8/20/98	Inorganics	7440-47-3	Chromium	252		MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	7439-96-5	Manganese	234		MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	TCLP	7440-47-3	Chromium	0.1	U	MG/L
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	57-12-5	Cyanide	0.55	U	MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	7440-47-3	Chromium	46.8		MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	140		MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	7440-02-0	Nickel	71.8		MG/KG
SP-98-04	SP0400	0.4	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-04	SP0400	0.4	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	8.9		MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	7440-02-0	Nickel	29.9		MG/KG
SP-98-05	SP0507	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	5.9		MG/KG
SP-98-05	SP0507	7	9	8/20/98	Inorganics	7440-47-3	Chromium	15.3		MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	110	U	MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	7439-96-5	Manganese	215		MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	11.9		MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	57-12-5	Cyanide	0.55	U	MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	Inorganics	7440-47-3	Chromium	1380		MG/KG
SP-98-05	SP0500	0.33	2	8/20/98	TCLP	7440-47-3	Chromium	21.8		MG/L
SP-98-06	SP0600	0.33	2	8/20/98	TCLP	7440-47-3	Chromium	0.2		MG/L
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	7440-47-3	Chromium	574		MG/KG
SP-98-06	SP0607	7	9	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	1.2	U	MG/KG
SP-98-06	SP0607	7	9	8/20/98	Inorganics	7440-47-3	Chromium	6.6		MG/KG
SP-98-06	SP0600	0.33	2	8/20/98	TCLP	57-12-5	Cyanide	0.01	U	MG/L
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	7440-44-0	Total Organic Carbon	120	U	MG/KG
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	7440-02-0	Nickel	223		MG/KG
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	7439-96-5	Manganese	123		MG/KG
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	57-12-5	Cyanide	19		MG/KG
SP-98-06	SP0600	0.33	2	8/20/98	Inorganics	18540-29-9	Hexavalent Chromium	1.6		MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	Inorganics		Cyanide, Reactive	0.279	U	MG/KG
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.425	U	MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.447	U	MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.447	U	MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	Inorganics	7440-47-3	Chromium	6.01		MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	pH		pH			
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics	7439-96-5	Manganese	203		MG/KG
SP-99-01	SP9901004XX	4	8	1/6/99	Inorganics	57-12-5	Cyanide	0.279	U	MG/KG
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.425	U	MG/KG
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics	7440-47-3	Chromium	7.01		MG/KG
SP-99-01	SP9901000XX	0	4	1/6/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-01	SP9901000XX	0	4	1/6/99	pH		pH			
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics	57-12-5	Cyanide	0.267	U	MG/KG
SP-99-01	SP9901000XX	0	4	1/6/99	Inorganics		Cyanide, Reactive	0.267	U	MG/KG
SP-99-02	SP9902000XX	4	8	1/6/99	Inorganics	7440-47-3	Chromium	13.5		MG/KG
SP-99-02	SP9902000XX	4	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.611	J	MG/KG
SP-99-02	SP9902000XX	4	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	0.611		MG/KG
SP-99-03	SP9903005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	0.299	U	MG/KG
SP-99-03	SP9903005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.475	UJ	MG/KG
SP-99-03	SP9903005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.475	U	MG/KG
SP-99-03	SP9903005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	4.52	U	MG/KG
SP-99-03	SP9903005XX	5	7	1/7/99	pH		pH			

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-99-03	SP9903005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	0.299	U	MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics	7439-96-5	Manganese	87.4		MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.444	UJ	MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	5.69		MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	0.278	U	MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	pH		pH			
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	0.278	U	MG/KG
SP-99-03	SP9903000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.444	U	MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics	7439-96-5	Manganese	192		MG/KG
SP-99-04	SP9904005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.467	U	MG/KG
SP-99-04	SP9904005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.467	UJ	MG/KG
SP-99-04	SP9904005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	9.31		MG/KG
SP-99-04	SP9904005XX	5	7	1/7/99	pH		pH			
SP-99-04	SP9904005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	0.292	U	MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	0.291	U	MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.805		MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.805	J	MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	16.4		MG/KG
SP-99-04	SP9904000XX	0	2	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-04	SP9904000XX	0	2	1/7/99	pH		pH			
SP-99-04	SP9904000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	0.291	U	MG/KG
SP-99-04	SP9904005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	0.292	U	MG/KG
SP-99-05	SP9905005XX	5	7	1/11/99	Inorganics	18540-29-9	Hexavalent Chromium	2.46		MG/KG
SP-99-05	SP9905005XX	5	7	1/11/99	Inorganics	18540-29-9	Hexavalent Chromium	2.46	J	MG/KG
SP-99-05	SP9905005XX	5	7	1/11/99	Inorganics	7440-47-3	Chromium	8.7		MG/KG
SP-99-05	SP9905005XX	5	7	1/11/99	pH		pH			
SP-99-05	SP9905005XX	5	7	1/11/99	Inorganics	57-12-5	Cyanide	0.287	U	MG/KG
SP-99-05	SP9905005XX	5	7	1/11/99	Inorganics		Cyanide, Reactive	0.287	U	MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics		Cyanide, Reactive	0.416		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics	7439-96-5	Manganese	157		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics	18540-29-9	Hexavalent Chromium	39.8		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics	7440-47-3	Chromium	75.8		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	SPLP Inorgani	7440-47-3	Chromium	1.31		MG/L
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics	18540-29-9	Hexavalent Chromium	39.8		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	Inorganics	57-12-5	Cyanide	0.416		MG/KG
SP-99-05	SP9905000XX	0	4	1/11/99	pH		pH			
SP-99-07	SP9907005XX	5	7	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.456	UJ	MG/KG
SP-99-07	SP9907005XD	5	7	1/8/99	Inorganics	7440-47-3	Chromium	7.42		MG/KG
SP-99-07	SP9907005XD	5	7	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.452	UJ	MG/KG
SP-99-07	SP9907005XD	5	7	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.452	U	MG/KG
SP-99-07	SP9907005XX	5	7	1/8/99	Inorganics		Cyanide, Reactive	0.285	U	MG/KG
SP-99-07	SP9907005XX	5	7	1/8/99	Inorganics	57-12-5	Cyanide	0.285	U	MG/KG
SP-99-07	SP9907005XX	5	7	1/8/99	Inorganics	7440-47-3	Chromium	8.44		MG/KG
SP-99-07	SP9907005XD	5	7	1/8/99	Inorganics		Cyanide, Reactive	0.285	U	MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics	7440-47-3	Chromium	9.61		MG/KG
SP-99-07	SP9907005XX	5	7	1/8/99	pH		pH			
SP-99-07	SP9907005XD	5	7	1/8/99	Inorganics	57-12-5	Cyanide	0.285	U	MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.438	U	MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics	7439-96-5	Manganese	237		MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.438	UJ	MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-07	SP9907000XX	0	2	1/8/99	pH		pH			
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics	57-12-5	Cyanide	0.495		MG/KG
SP-99-07	SP9907000XX	0	2	1/8/99	Inorganics		Cyanide, Reactive	0.495		MG/KG
SP-99-07	SP9907005XX	5	7	1/8/99	Inorganics	18540-29-9	Hexavalent Chromium	0.456	U	MG/KG
SP-99-07	SP9907005XD	5	7	1/8/99	pH		pH			
SP-99-08	SP9908007XX	5	7	2/7/99	pH		pH			
SP-99-08	SP9908007XX	5	7	2/7/99	Inorganics	7440-47-3	Chromium	7.47		MG/KG
SP-99-08	SP9908007XX	5	7	2/7/99	Inorganics	57-12-5	Cyanide	0.278	U	MG/KG
SP-99-08	SP9908007XX	5	7	2/7/99	Inorganics		Cyanide, Reactive	0.278	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-99-08	SP9908007XX	5	7	2/7/99	Inorganics	18540-29-9	Hexavalent Chromium		U	
SP-99-08	SP9908002XX	0	2	2/7/99	Inorganics	7439-96-5	Manganese	238		MG/KG
SP-99-08	SP9908002XX	0	2	2/7/99	Inorganics	7440-47-3	Chromium	31.8		MG/KG
SP-99-08	SP9908002XX	0	2	2/7/99	SPLP Inorgani	7440-47-3	Chromium	0.314		MG/L
SP-99-08	SP9908002XX	0	2	2/7/99	Inorganics	57-12-5	Cyanide	0.278	U	MG/KG
SP-99-08	SP9908002XX	0	2	2/7/99	Inorganics	18540-29-9	Hexavalent Chromium			
SP-99-08	SP9908002XX	0	2	2/7/99	Inorganics		Cyanide, Reactive	0.278	U	MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	SPLP Inorgani	7439-96-5	Manganese	425		MG/L
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics	7439-96-5	Manganese	233		MG/L
SP-99-09	SP990900MD	0	4	1/9/99	pH		pH			
SP-99-09	SP9909005XX	5	7	1/9/99	Inorganics	57-12-5	Cyanide	0.299	U	MG/KG
SP-99-09	SP9909005XX	5	7	1/9/99	Inorganics	7440-47-3	Chromium	21		MG/KG
SP-99-09	SP9909005XX	5	7	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	0.854	J	MG/KG
SP-99-09	SP9909005XX	5	7	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	0.854		MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics		Cyanide, Reactive	0.274	U	MG/KG
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	8.29		MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics	7440-47-3	Chromium	123		MG/KG
SP-99-09	SP9909005XX	5	7	1/9/99	Inorganics		Cyanide, Reactive	0.299	U	MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	16.2		MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	16.2		MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics	7439-96-5	Manganese	425		MG/L
SP-99-09	SP990900MD	0	4	1/9/99	Inorganics	57-12-5	Cyanide	0.274	U	MG/KG
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics	57-12-5	Cyanide	0.275	U	MG/KG
SP-99-09	SP9909005XX	5	7	1/9/99	pH		pH			
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics		Cyanide, Reactive	0.275	U	MG/KG
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	8.29	J	MG/KG
SP-99-09	SP9909000MS	0	4	1/9/99	pH		pH			
SP-99-09	SP9909000MS	0	4	1/9/99	SPLP Inorgani	7440-47-3	Chromium	1.3		MG/L
SP-99-09	SP9909000MS	0	4	1/9/99	SPLP Inorgani	7439-96-5	Manganese	385		MG/L
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics	7440-47-3	Chromium	115		MG/KG
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	22.3		MG/KG
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics	7439-96-5	Manganese	385		MG/L
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics		Cyanide, Reactive	0.277	U	MG/KG
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics	57-12-5	Cyanide	0.277	U	MG/KG
SP-99-09	SP9909000XX	0	4	1/9/99	pH		pH			
SP-99-09	SP9909000XX	0	4	1/9/99	SPLP Inorgani	7440-47-3	Chromium	0.865		MG/L
SP-99-09	SP9909000XX	0	4	1/9/99	SPLP Inorgani	7439-96-5	Manganese	233		MG/L
SP-99-09	SP9909000XX	0	4	1/9/99	Inorganics	7440-47-3	Chromium	49.9		MG/KG
SP-99-09	SP9909000MS	0	4	1/9/99	Inorganics	18540-29-9	Hexavalent Chromium	22.3		MG/KG
SP-99-09	SP990900MD	0	4	1/9/99	SPLP Inorgani	7440-47-3	Chromium	1.3		MG/L
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics	57-12-5	Cyanide	0.272	U	MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics	18540-29-9	Hexavalent Chromium	640		MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics	7439-96-5	Manganese	224		MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics	18540-29-9	Hexavalent Chromium	640	J	MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics	7440-47-3	Chromium	888		MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	pH		pH			
SP-99-11	SP9911000XX	0	2	1/5/99	Inorganics		Cyanide, Reactive	0.272	U	MG/KG
SP-99-11	SP9911000XX	0	2	1/5/99	SPLP Inorgani	7440-47-3	Chromium	25.5		MG/L
SP-99-11	SP9911006XX	6	8	1/6/99	Inorganics	57-12-5	Cyanide	0.266	U	MG/KG
SP-99-11	SP9911006XX	6	8	1/6/99	Inorganics		Cyanide, Reactive	0.266	U	MG/KG
SP-99-11	SP9911006XX	6	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	513		MG/KG
SP-99-11	SP9911006XX	6	8	1/6/99	Inorganics	18540-29-9	Hexavalent Chromium	513	J	MG/KG
SP-99-11	SP9911006XX	6	8	1/6/99	Inorganics	7440-47-3	Chromium	504		MG/KG
SP-99-11	SP9911006XX	6	8	1/6/99	pH		pH			
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics		Cyanide, Reactive	0.282	U	MG/KG
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics	57-12-5	Cyanide	0.282	U	MG/KG
SP-99-12	SP9912000XX	0	2	1/12/99	pH		pH			
SP-99-12	SP9912000XX	0	2	1/12/99	SPLP Inorgani	7440-47-3	Chromium	1.82		MG/L
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics	7440-47-3	Chromium	56.3		MG/KG
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	51.2		MG/KG
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics	7439-96-5	Manganese	238		MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-99-12	SP9912000XX	0	2	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	51.2		MG/KG
SP-99-12	SP9912005XX	5	7	1/12/99	Inorganics		Cyanide, Reactive	0.283	U	MG/KG
SP-99-12	SP9912005XX	5	7	1/12/99	Inorganics	57-12-5	Cyanide	0.283	U	MG/KG
SP-99-12	SP9912005XX	5	7	1/12/99	pH		pH			
SP-99-12	SP9912005XX	5	7	1/12/99	Inorganics	7440-47-3	Chromium	12.5		MG/KG
SP-99-12	SP9912005XX	5	7	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	3.55		MG/KG
SP-99-12	SP9912005XX	5	7	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	3.55	J	MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics	7439-96-5	Manganese	90.2		MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	pH		pH			
SP-99-13	SP9913000XX	0	2	1/12/99	Inorganics		Cyanide, Reactive	0.281	U	MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	2.25		MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics	7440-47-3	Chromium	14.5		MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	SPLP Inorgani	7440-47-3	Chromium	0.067		MG/L
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics	57-12-5	Cyanide	0.287	U	MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics		Cyanide, Reactive	0.287	U	MG/KG
SP-99-13	SP9913000XX	0	2	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	80.1		MG/KG
SP-99-13	SP9913000XX	0	2	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	80.1		MG/KG
SP-99-13	SP9913000XX	0	2	1/12/99	Inorganics	7440-47-3	Chromium	109		MG/KG
SP-99-13	SP9913000XX	0	2	1/12/99	pH		pH			
SP-99-13	SP9913000XX	0	2	1/12/99	Inorganics	57-12-5	Cyanide	0.281	U	MG/KG
SP-99-13	SP9913005XX	5	7	1/12/99	Inorganics	18540-29-9	Hexavalent Chromium	2.25	J	MG/KG
SP-99-14	SP9914002XX	0	2	2/7/99	Inorganics		Cyanide, Reactive	0.278	U	MG/KG
SP-99-14	SP9914007XX	5	7	2/7/99	Inorganics		Cyanide, Reactive	1.43		MG/KG
SP-99-14	SP9914007XX	5	7	2/7/99	Inorganics	7439-96-5	Manganese	111		MG/KG
SP-99-14	SP9914007XX	5	7	2/7/99	Inorganics	7440-47-3	Chromium	1880		MG/KG
SP-99-14	SP9914007XX	5	7	2/7/99	SPLP Inorgani	7440-47-3	Chromium	2.09		MG/L
SP-99-14	SP9914007XX	5	7	2/7/99	Inorganics	57-12-5	Cyanide	1.43		MG/KG
SP-99-14	SP9914007XX	5	7	2/7/99	Inorganics	18540-29-9	Hexavalent Chromium			
SP-99-14	SP9914007XX	5	7	2/7/99	pH		pH			
SP-99-14	SP9914002XX	0	2	2/7/99	Inorganics	57-12-5	Cyanide	0.278	U	MG/KG
SP-99-14	SP9914002XX	0	2	2/7/99	Inorganics	18540-29-9	Hexavalent Chromium			
SP-99-14	SP9914002XX	0	2	2/7/99	pH		pH			
SP-99-14	SP9914002XX	0	2	2/7/99	Inorganics	7440-47-3	Chromium	814		MG/KG
SP-99-17	SP9917005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	0.294	U	MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	5.91		MG/KG
SP-99-17	SP9917005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	22.9		MG/KG
SP-99-17	SP9917005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	71.8		MG/KG
SP-99-17	SP9917005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	22.9		MG/KG
SP-99-17	SP9917005XX	5	7	1/7/99	pH		pH			
SP-99-17	SP9917005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	0.294	U	MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics	7439-96-5	Manganese	264		MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	19	J	MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	61.7		MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	pH		pH			
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	6.68		MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	19		MG/KG
SP-99-17	SP9917000XX	0	2	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.269		MG/L
SP-99-18	SP9918000XX	0	2	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-18	SP9918005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.582		MG/KG
SP-99-18	SP9918005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.582	J	MG/KG
SP-99-18	SP9918005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	7.67		MG/KG
SP-99-18	SP9918005XX	5	7	1/7/99	pH		pH			
SP-99-18	SP9918005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	0.298	U	MG/KG
SP-99-18	SP9918005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	0.298	U	MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.458	U	MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics	7439-96-5	Manganese	157		MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	7.39		MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	pH		pH			
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	0.286	U	MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	0.286	U	MG/KG
SP-99-18	SP9918000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.458	U	MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics	7439-96-5	Manganese	140		MG/KG
SP-99-19	SP9919005XX	5	7	1/7/99	pH		pH			
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	48.4		MG/KG
SP-99-19	SP9919000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	11.2		MG/KG
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	4.92		MG/KG
SP-99-19	SP9919005XX	5	7	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	0.302	U	MG/KG
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	0.302	U	MG/KG
SP-99-19	SP9919000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	1.4		MG/KG
SP-99-19	SP9919000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	1.4	J	MG/KG
SP-99-19	SP9919000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	127		MG/KG
SP-99-19	SP9919000XX	0	2	1/7/99	pH		pH			
SP-99-19	SP9919000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	11.2		MG/KG
SP-99-19	SP9919005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	4.92		MG/KG
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.534		MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	Inorganics		Cyanide, Reactive	3.93		MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.473	U	MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.473	UJ	MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	Inorganics	7440-47-3	Chromium	6.83		MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	pH		pH			
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics	7439-96-5	Manganese	205		MG/KG
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics	18540-29-9	Hexavalent Chromium	0.534	J	MG/KG
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics	7440-47-3	Chromium	19.6		MG/KG
SP-99-20	SP9920000XX	0	2	1/7/99	SPLP Inorgani	7440-47-3	Chromium	0.05	U	MG/L
SP-99-20	SP9920000XX	0	2	1/7/99	pH		pH			
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics		Cyanide, Reactive	0.288	U	MG/KG
SP-99-20	SP9920000XX	0	2	1/7/99	Inorganics	57-12-5	Cyanide	0.288	U	MG/KG
SP-99-20	SP9920005XX	5	7	1/7/99	Inorganics	57-12-5	Cyanide	3.93		MG/KG
SP-PILOT-01	SPP1A000XXX	2	7	1/10/99	pH		pH			
SP-PILOT-01	SPP1A000XXX	2	7	1/10/99	SPLP Inorgani	7440-47-3	Chromium	1.6		MG/L
SP-PILOT-01	SPP1A000XXX	2	7	1/10/99	Inorganics	7440-47-3	Chromium	67.1		MG/KG
SP-PILOT-01	SPP1A000XXX	2	7	1/10/99	Inorganics	FE2	Ferrous Iron	43	J	MG/KG
SP-PILOT-01	SPP1A000XXX	2	7	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	43		MG/KG
SP-PILOT-01	SPP1A005XXX	2	7	1/10/99	Inorganics	7440-47-3	Chromium	19.5		MG/KG
SP-PILOT-01	SPP1A005XXX	2	7	1/10/99	Inorganics	FE2	Ferrous Iron	9.95	J	MG/KG
SP-PILOT-01	SPP1A005XXX	2	7	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	9.95		MG/KG
SP-PILOT-01	SPP1A005XXX	2	7	1/10/99	pH		pH			
SP-PILOT-02	SPP2A005XXX	2	7	1/10/99	pH		pH			
SP-PILOT-02	SPP2A005XXX	2	7	1/10/99	Inorganics	7440-47-3	Chromium	13.5		MG/KG
SP-PILOT-02	SPP2A005XXX	2	7	1/10/99	Inorganics	FE2	Ferrous Iron	4.33	J	MG/KG
SP-PILOT-02	SPP2A005XXX	2	7	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	4.33		MG/KG
SP-PILOT-02	SPP2A005XXX	2	7	1/10/99	SPLP Inorgani	7440-47-3	Chromium	0.161		MG/L
SP-PILOT-02	SPP2A000XXX	2	7	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	48		MG/KG
SP-PILOT-02	SPP2A000XXX	2	7	1/10/99	Inorganics	FE2	Ferrous Iron	48	J	MG/KG
SP-PILOT-02	SPP2A000XXX	2	7	1/10/99	Inorganics	7440-47-3	Chromium	85.2		MG/KG
SP-PILOT-02	SPP2A000XXX	2	7	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000XXX	3	8	1/10/99	SPLP Inorgani	7440-47-3	Chromium	2.01		MG/L
SP-PILOT-03	SPP3A005XX	3	8	1/10/99	Inorganics	FE2	Ferrous Iron	21.5	J	MG/KG
SP-PILOT-03	SPP3A005XX	3	8	1/10/99	Inorganics	7440-47-3	Chromium	38.7		MG/KG
SP-PILOT-03	SPP3A005XX	3	8	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000XXX	3	8	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	46.1		MG/KG
SP-PILOT-03	SPP3A000XD	3	8	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000XXX	3	8	1/10/99	Inorganics	FE2	Ferrous Iron	46.1	J	MG/KG
SP-PILOT-03	SPP3A000XXX	3	8	1/10/99	Inorganics	7440-47-3	Chromium	69.3		MG/KG
SP-PILOT-03	SPP3A005XX	3	8	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	21.5		MG/KG
SP-PILOT-03	SPP3A000MS	3	8	1/10/99	SPLP Inorgani	7440-47-3	Chromium	2.42		MG/L
SP-PILOT-03	SPP3A000MD	3	8	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	60		MG/KG
SP-PILOT-03	SPP3A000XD	3	8	1/10/99	Inorganics	7440-47-3	Chromium	67.8		MG/KG
SP-PILOT-03	SPP3A000MD	3	8	1/10/99	Inorganics	FE2	Ferrous Iron	60		MG/KG
SP-PILOT-03	SPP3A000XXX	3	8	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000MD	3	8	1/10/99	Inorganics	7440-47-3	Chromium	72.9		MG/KG

TABLE N-1
1998/1999 CHROMIUM PLATING FACILITY INVESTIGATION SOILS

OU 2 NCRA PRE-DESIGN INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT

LOCATION ID	SAMPLE ID	START DEPTH (feet, bgs)	END DEPTH (feet, bgs)	SAMPLE DATE	CLASS	CAS #	PARAMETER	VALUE	Q	UNITS
SP-PILOT-03	SPP3A000MS	3	8	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000MD	3	8	1/10/99	pH		pH			
SP-PILOT-03	SPP3A000MS	3	8	1/10/99	Inorganics	7440-47-3	Chromium	183		MG/KG
SP-PILOT-03	SPP3A000MS	3	8	1/10/99	Inorganics	FE2	Ferrous Iron	52.3		MG/KG
SP-PILOT-03	SPP3A000MS	3	8	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	52.3		MG/KG
SP-PILOT-03	SPP3A000XD	3	8	1/10/99	SPLP Inorgani	7440-47-3	Chromium	2.02		MG/L
SP-PILOT-03	SPP3A000XD	3	8	1/10/99	Inorganics	FE2	Ferrous Iron	41.3	J	MG/KG
SP-PILOT-03	SPP3A000XD	3	8	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	41.3		MG/KG
SP-PILOT-03	SPP3A000MD	3	8	1/10/99	SPLP Inorgani	7440-47-3	Chromium	2.04		MG/L
SP-PILOT-04	SPP4A000XX	4	9	1/10/99	Inorganics	FE2	Ferrous Iron	37.8		MG/KG
SP-PILOT-04	SPP4A004XX	4	9	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	6.25		MG/KG
SP-PILOT-04	SPP4A004XX	4	9	1/10/99	Inorganics	FE2	Ferrous Iron	6.25	J	MG/KG
SP-PILOT-04	SPP4A004XX	4	9	1/10/99	Inorganics	7440-47-3	Chromium	17.5		MG/KG
SP-PILOT-04	SPP4A000XX	4	9	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	37.8		MG/KG
SP-PILOT-04	SPP4A000XX	4	9	1/10/99	Inorganics	7440-47-3	Chromium	58.4		MG/KG
SP-PILOT-04	SPP4A000XX	4	9	1/10/99	SPLP Inorgani	7440-47-3	Chromium	1.6		MG/L
SP-PILOT-04	SPP4A000XX	4	9	1/10/99	pH		pH			
SP-PILOT-04	SPP4A004XX	4	9	1/10/99	pH		pH			
SP-PILOT-05	SPP5A005XX	6	11	1/10/99	pH		pH			
SP-PILOT-05	SPP5A000XX	6	11	1/10/99	pH		pH			
SP-PILOT-05	SPP5A000XX	6	11	1/10/99	Inorganics	7440-47-3	Chromium	79.2		MG/KG
SP-PILOT-05	SPP5A000XX	6	11	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	69.9		MG/KG
SP-PILOT-05	SPP5A005XX	6	11	1/10/99	SPLP Inorgani	7440-47-3	Chromium	0.301		MG/L
SP-PILOT-05	SPP5A005XX	6	11	1/10/99	Inorganics	7440-47-3	Chromium	23.5		MG/KG
SP-PILOT-05	SPP5A005XX	6	11	1/10/99	Inorganics	FE2	Ferrous Iron	8.48		MG/KG
SP-PILOT-05	SPP5A005XX	6	11	1/10/99	Inorganics	18540-29-9	Hexavalent Chromium	8.48		MG/KG
SP-PILOT-05	SPP5A000XX	6	11	1/10/99	Inorganics	FE2	Ferrous Iron	69.9		MG/KG