District 7
I-5
November 5, 2004

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, California 90745
Tel: (310) 834-4868 Fax: (310) 834-4772

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Sample: 001 PCC-07-005-L1
Sampling Date: 20041105 Time: 2:48 Receive Date: 20041105 Time: 10:30
Matrix: AQ

Parameter	Method	Results	PQL	Units	Analysis Date
Title 22 Metals, Water					20041110
Silver, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Arsenic, Water	ICP, EPA Method 200.7	0.22	0.050	mg/L	20041110
Barium, Water	ICP, EPA Method 200.7	4.5	0.015	mg/L	20041110
Beryllium, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Cadmium, Water	ICP, EPA Method 200.7	0.032	0.015	mg/L	20041110
Cobalt, Water	ICP, EPA Method 200.7	0.24	0.015	mg/L	20041110
Chromium, Water	ICP, EPA Method 200.7	0.37	0.015	mg/L	20041110
Copper, Water	ICP, EPA Method 200.7	0.90	0.025	mg/L	20041110
Mercury, Water, Cold Vapor	AA, SW-846 Method 7470	0.0013	0.001	mg/L	20041110
Molybdenum, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Nickel, Water	ICP, EPA Method 200.7	0.34	0.025	mg/L	20041110
Lead, Water, ICP	ICP, EPA Method 200.7	0.29	0.025	mg/L	20041110
Antimony, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Selenium, Water	ICP, EPA Method 200.7	0.14	0.050	mg/L	20041110
Thallium, Water	ICP, EPA Method 200.7	<0.075	0.075	mg/L	20041110
Vanadium, Water	ICP, EPA Method 200.7	0.77	0.015	mg/L	20041110
Zinc, Water	ICP, EPA Method 200.7	6.4	0.050	mg/L	20041110
Aqueous Extraction, HCL	SW-846 3010	11/09/2004		DATE	20041111
Mercury water prep.	EPA Methods 245.1	11/09/2004		DATE	20041111
Chromium Hexavalent	EPA SW-846 7196A	0.010	0.010	mg/L	20041105
pH	EPA 150.1/SM 4500-H B	10.1	0.10	Units	20041122
Total Dissolved Solids	EPA Method 160.1	1700	10	mg/L	20041109
Alkalinity	EPA Method 2320B	26000	500	mg/L	20041110
Oil Range Organic C28-C40	8015M, FID, Extractable	<10	10	mg/L	20041107
Diesel Range Organic C8-C28	8015M, FID, Extractable	<5	5	mg/L	20041107
Oil & Grease, Gravimetric	EPA Method 1664, AQ	52	4.0	mg/L	20041115
Aqueous, EPA 8260B/5030B					20041106
Dibromoflurometh ane (SU)	EPA Method 8260B	104		Percent	20041106
1,2-Dichloroethane (SU)	EPA Method 8260B	104		Percent	20041106
Toluene-d8 (SU)	EPA Method 8260B	102		Percent	20041106

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Dichlorodifluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl chloride	EPA Method 8260B	<5	5	ug/L	20041106
Bromomethane	EPA Method 8260B	<25	25	ug/L	20041106
Chloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Trichlorofluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Acetone	EPA Method 8260B	<50	50	ug/L	20041106
1,1-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
t-Butyl Alcohol (TBA)	EPA Method 8260B	<250	250	ug/L	20041106
Methylene chloride	EPA Method 8260B	<25	25	ug/L	20041106
Freon 113	EPA Mehtod 8260B	<50	50	ug/L	20041106
Carbon disulfide	EPA Method 8260B	<50	50	ug/L	20041106
trans-1,2-Dichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Methyl-tert-butyl-ether	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl acetate	EPA Method 8260B	<50	50	ug/L	20041106
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	5	ug/L	20041106
2-Butanone-(MEK)	EPA Method 8260B	<25	25	ug/L	20041106
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloroform	EPA Method 8260B	<5	5	ug/L	20041106
2,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
Carbon tetrachloride	EPA Method 8260B	<5	5	ug/L	20041106
Benzene	EPA Method 8260B	<5	5	ug/L	20041106
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	5	ug/L	20041106
Dibromomethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Trichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Bromodichloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Chloroethylvinylether	EPA Method 8260B	<20	20	ug/L	20041106
cis-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<20	20	ug/L	20041106
trans-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Toluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Dibromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Hexanone	EPA Method 8260B	<20	20	ug/L	20041106

Tetrachloroethene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Chlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Ethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
m,p-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromoform	EPA Method 8260B	<5	5	ug/L	20041106
Styrene	EPA Method 8260B	<5	5	ug/L	20041106
o-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,3-Trichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Isopropylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
Bromobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Propylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
2-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
4-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
tert-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
sec-Butlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,4-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
p-Isopropyltoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Naphthalene	EPA Method 8260B	<5	5	ug/L	20041106
Hexachlorobutadiene	EPA Method 8260B	<20	20	ug/L	20041106
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Total Organic Carbon, AQ	EPA 415.1/SM 5310C	510	30	mg/L	20041110
Phenols	EPA Method 420.1	0.27	0.030	mg/L	20041116
Chloride	Standard Method 4500-Cl B	54	5.0	mg/L	20041105
Nitrogen, Nitrite	4500-NO2-B, Colorimetric	1.5	1.0	mg/L	20041105
Nitrogen, Nitrate	4500-NO3-E / 300.0, IC	14	1.0	mg/L	20041105
Sulfate	EPA Method 300.0	460	100	mg/L	20041105
Sulfide	4500-5-D / 376.1	<3.8	3.8	mg/L	20041118
Chemical Oxygen Demand	EPA Method 410.4	1500	12	mg/L	20041111
Total Suspended Solids	EPA Method 160.2	67000	10	mg/L	20041109
Conductivity	EPA Method 120.1/2510B	1600	0.10	umho/cm	20041105
Calcium, Water	ICP, EPA Method 200.7	2000	2.5	mg/L	20041110
Iron, Water	ICP, EPA Method 200.7	370	2.5	mg/L	20041110
Phosphorous, Total	EPA Method 365.4	28	1.0	mg/L	20041105
Phosphate, Ortho	EPA Method 300.0	<0.050	0.050	mg/L	20041105

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Manganese, Water, ICP	ICP, EPA Method 200.7	<50	50	mg/L	20041122
Magnesium, Water	ICP, EPA Method 200.7	180	0.50	mg/L	20041110
Potassium, Water	ICP, EPA SW846-6010B	60	10	mg/L	20041109
Sodium, water, ICP	ICP, EPA Method 200.7	230	100	mg/L	20041109
Boron, Water	ICP, EPA Method 200.7	<5.0	5.0	mg/L	20041111
Fluoride	4500-F-C / 300.0	2.6	1.0	mg/L	20041105
Total Organic Halides, AQ	EPA 450.1	23	20	mg/L	20041110
Hardness, Total	2340B, Calculation Ca/Mg	290	5.0	mg/L	20041110
8270 BNA, Aqueous					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	64.6		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	56.2		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	32.4		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	35.5		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	54.8		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	76.5		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	103		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	69.2		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Aq	<50	50	ug/L	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dimethylphenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chloronaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-MethylNaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Nitrophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
3-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Chloroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
4-Nitroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

4-Nitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Acenapthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Acenaphthylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzidine	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
Benzo(a)anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(a)pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzoic Acid	EPA 8270 B/N, AQ	260	250	ug/L	20041111
Benzyl Alcohol	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Bis-(2-Chloroethoxy)-methan	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Chrysene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-butylphthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-octyl phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzofuran	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Diethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dimethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluorene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobutadiene	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachloroethane	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Isophorone	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Naphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Nitrobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Pentachlorophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Phenanthrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Phenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Organochlorine Pesticides					20041110
DCB (SURROGATE)	EPA Method 8081/8082	26.0		Percent	20041110
TCMX (SURROGATE)	EPA Method 8081/8082	52.8		Percent	20041110

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

4,4'-DDD	EPA 8081A	<0.060	0.060	ug/L	20041110
4,4'-DDE	EPA 8081A	<0.060	0.060	ug/L	20041110
4,4'-DDT	EPA 8081A	<0.060	0.060	ug/L	20041110
Aldrin	EPA 8081A	<0.030	0.030	ug/L	20041110
Chlordane	EPA 8081A	<0.30	0.30	ug/L	20041110
Dieldrin	EPA 8081A	<0.060	0.060	ug/L	20041110
Endosulfan I	EPA 8081A	<0.030	0.030	ug/L	20041110
Endosulfan II	EPA 8081A	<0.060	0.060	ug/L	20041110
Endosulfan Sulfate	EPA 8081A	<0.060	0.060	ug/L	20041110
Endrin	EPA 8081A	<0.060	0.060	ug/L	20041110
Endrin Aldehyde	EPA 8081A	<0.060	0.060	ug/L	20041110
Endrin Ketone	EPA 8081A	<0.060	0.060	ug/L	20041110
Heptachlor	EPA 8081A	<0.030	0.030	ug/L	20041110
Heptachlor Epoxide	EPA 8081A	<0.030	0.030	ug/L	20041110
Methoxychlor	EPA 8081A	<0.30	0.30	ug/L	20041110
Toxaphene	EPA 8081A	<3.0	3.0	ug/L	20041110
alpha-BHC	EPA 8081A	<0.030	0.030	ug/L	20041110
beta-BHC	EPA 8081A	<0.030	0.030	ug/L	20041110
delta-BHC	EPA 8081A	<0.030	0.030	ug/L	20041110
gamma-BHC (Lindane)	EPA 8081A	<0.030	0.030	ug/L	20041110
PCBs, Aqueous					20041110
PCB-1016	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1221	EPA Method 8082	<1.2	1.2	mg/L	20041110
PCB-1232	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1242	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1248	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1254	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1260	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1262	EPA Method 8082	<0.60	0.60	mg/L	20041110
PCB-1268	EPA Method 8082	<0.60	0.60	mg/L	20041110
TCMX (SURROGATE)	EPA Method 8081/8082	48.4		Percent	20041110
DCB (SURROGATE)	EPA Method 8081	29.8		Percent	20041110
Bio Assay	See Attached Report				20041109

Sample: 002 PCC-07-005-S1
Sampling Date: 20041105 Time: 2:48 Receive Date: 20041105 Time: 10:30
Matrix: SO

Parameter	Method	Results	POL	Units	Analysis Date
Title 22 Metals, Solid					20041110
Silver, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Arsenic, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Barium, Solid	ICP, SW-846 Method 6010B	110	20	mg/kg	20041110

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Beryllium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cadmium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cobalt, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Chromium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Copper, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Mercury, Solid, Cold Vapor	AA, SW-846 Method 7471	<0.10	0.10	mg/kg	20041110
Molybdenum, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Nickel, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Lead, Solid	ICP, EPA SW-846 6010B	<20	20	mg/kg	20041110
Antimony, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Selenium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Thallium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Vanadium, Solid	ICP, SW-846 Method 6010B	26	20	mg/kg	20041110
Zinc, Solid	ICP, SW-846 Method 6010B	290	20	mg/kg	20041110
Solid Extraction, HCL	SW-846, 3050	11/09/2004		DATE	20041110
Mercury solid prep	Mercury Solid Prep	11/10/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.10	0.10	mg/kg	20041116
Diesel Range Organic C8-C28	8015M, FID, Extractable	<20	20	mg/kg	20041115
Oil Range Organic C28-C40	8015M, FID, Extractable	<50	50	mg/kg	20041115
Oil & Grease, Gravimetric	EPA Method 1664, Solid	620	50	mg/kg	20041115
Solid, 8260B/5030B					20041115
Dibromofluromethane (SU)	EPA Method 8260B	44		Percent	20041115
1,2-Dichloroethane (SU)	EPA Method 8260B	108		Percent	20041115
Toluene-d8 (SU)	EPA Method 8260B	94		Percent	20041115
Dichlorodifluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl chloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromomethane	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Chloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichlorofluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Acetone	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,1-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.25	0.25	mg/kg	20041115
Methylene chloride	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Freon 113	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon disulfide	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl acetate	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
Diisopropyl Ether (DIPE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Butanone-(MEK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

Bromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloroform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon Tetrachloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Benzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromomethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromodichloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chloroethylvinylether	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Toluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Hexanone	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
Tetrachloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
m,p-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromoform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Styrene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
o-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Isopropylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Propylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
tert-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
sec-Butlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

1,3-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
p-Isopropyltoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Naphthalene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Hexachlorobutadiene	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloride, Soild	EPA 300 Modified	87	50	mg/kg	20041109
Nitrite in Solids	EPA 300.0, IC	2.3	0.50	mg/kg	20041109
Nitrate in Solids	300.0 Modified	11	1.0	mg/kg	20041109
Sulfate	EPA Method 300.0	240	100	mg/Kg	20041109
Orthophosphate	EPA 300.0	<0.50	0.50	mg/kg	20041109
Iron, Solid	ICP, SW-846 Method 6010B	1400	400	mg/kg	20041110
Aluminum, Solid	ICP, SW-846 Method 6010B	8300	200	mg/kg	20041110
pH, Soil or Solid	EPA Method 150.1/9045	10.4	0.10	Unit	20041109
8270 BNA, Solid					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	72.0		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	78.9		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	80.8		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	87.1		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	67.2		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	68.2		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	88.4		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	74.2		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dichlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dimethylphenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chloronaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-MethylNaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111

AmeriSci Work Order # 20041100023
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

2-Nitrophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
3-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, Soil	<0.66	0.66	mg/Kg	20041111
4-Chloroaniline	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
4-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
4-Nitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Acenaphthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Acenaphthylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzidine	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzo(a)anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(a)pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzoic Acid	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzyl Alcohol	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Bis-(2-Chloroethoxy)methane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, Soil	1.2	0.33	mg/Kg	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Chrysene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-butylphthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-octyl phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzofuran	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Diethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dimethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluorene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobutadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachloroethane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Isophorone	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

N-Nitrosodiphenylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Naphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Nitrobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Pentachlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Phenanthrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Phenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
8081 OrganoChlorPest, Solid				ug/Kg	20041112
4,4'-DDD (p,p-DDD)	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
4,4'-DDE (p,p-DDE)	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
4,4'-DDT (p,p-DDT)	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Aldrin	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
Chlordane	EPA Method 8081A	<0.009	0.009	mg/kg	20041112
Dieldrin	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Endosulfan I	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Endosulfan II	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Endosulfan Sulfate	EPA Method 8081A	<0.002	0.002	mg/kg	20041122
Endrin	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Endrin Aldehyde	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Endrin Ketone	EPA Method 8081A	<0.002	0.002	mg/kg	20041112
Heptachlor	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
Heptachlor Epoxide (B)	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
Methoxychlor	EPA Method 8081A	<0.009	0.009	mg/kg	20041112
Toxaphene	EPA Method 8081A	<0.090	0.090	mg/kg	20041112
a-BHC	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
b-BHC	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
d-BHC	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
gamma-BHC (Lindane)	EPA Method 8081A	<0.001	0.001	mg/kg	20041112
DCB (SURROGATE)	EPA Method 8081/8082	77.5		Percent	20041112
TCMX (SURROGATE)	EPA Method 8081/8082	82.0		Percent	20041112
PCBs, Solids					20041112
PCB-1016	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1221	EPA Method 8082	<0.033	0.033	mg/kg	20041112
PCB-1232	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1242	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1248	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1254	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1260	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1262	EPA Method 8082	<0.016	0.016	mg/kg	20041112
PCB-1268	EPA Method 8082	<0.016	0.016	mg/kg	20041112
DCB (SURROGATE)	EPA Method 8081/8082	67.1		Percent	20041112
TCMX (SURROGATE)	EPA Method 8081/8082	108		Percent	20041112

AmeriSci Work Order #	20041100023	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

PQL = Minimum Practical Quantitation Limit.

Clifton J. Kiser, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.
This report shall not be reproduced, except in full, without the written approval of AmeriSci. No use of this report for promotional or advertising purpose is permitted without prior written AmeriSci approval.

GRAIN SIZE ANALYSIS - ASTM D 422

Project / Client BAS # 2004-11-014
Sample No. PCC 07.005.S
By LD

Job No. 2001-090
Date 11/15/04

Sieve Opening Weight	mm	Sieve Size	% Passing
0	76.2	3"	**100**
0	50.8	2"	**100**
0	38.1	1.5"	**100**
0	25.4	1"	**100**
0	19.1	3/4"	**100**
0	12.7	1/2"	**100**
0	9.52	3/8"	**100**
0.4	4.75	#4	**100**
10.7	2.38	#8	**97**
185	1.19	#16	**56**
255.9	0.595	#30	**39**
311.3	0.297	#50	**25**
350.5	0.15	#100	**16**
375.94	0.075	#200	**10**

HYDROMETER

	Time	D	Temp.	dT	R	R+C	KL	d (mm)	R+Δr	% Pass
100	30	0.081	**22**	-1.7	**7**	7.5	0.942552	0.0738	5.8	9.1
	40	0.07	**22**	-1.7	**6**	6.5	0.951294	0.0643	4.8	7.5
	1	0.057	**22**	-1.7	**4.6**	5.1	0.963531	0.0531	3.4	5.3
100	2	0.041	**22**	-1.7	**4.2**	4.7	0.967028	0.0383	3	4.7
100	5	0.026	**22**	-1.7	**3.8**	4.3	0.970524	0.0244	2.6	4.1
100	15	0.015	**22**	-1.7	**3.5**	4	0.973147	0.0141	2.3	3.6
100	30	0.011	**22**	-1.7	**3.3**	3.8	0.974895	0.0104	2.1	3.3
100	60	0.0074	**22**	-1.7	**3.2**	3.7	0.975769	0.00698	2	3.1
100	90	0.0061	**22.5**	-1.63	**3**	3.5	0.977517	0.00576	1.87	2.9
100	250	0.0037	**23**	-1.55	**2**	2.5	0.986259	0.00353	0.95	1.5
100	1440	0.0015	**21**	-1.88	**1.5**	2	0.990629	0.00144	0.12	0.2

T AVE. = 22.0
Kn = 0.966

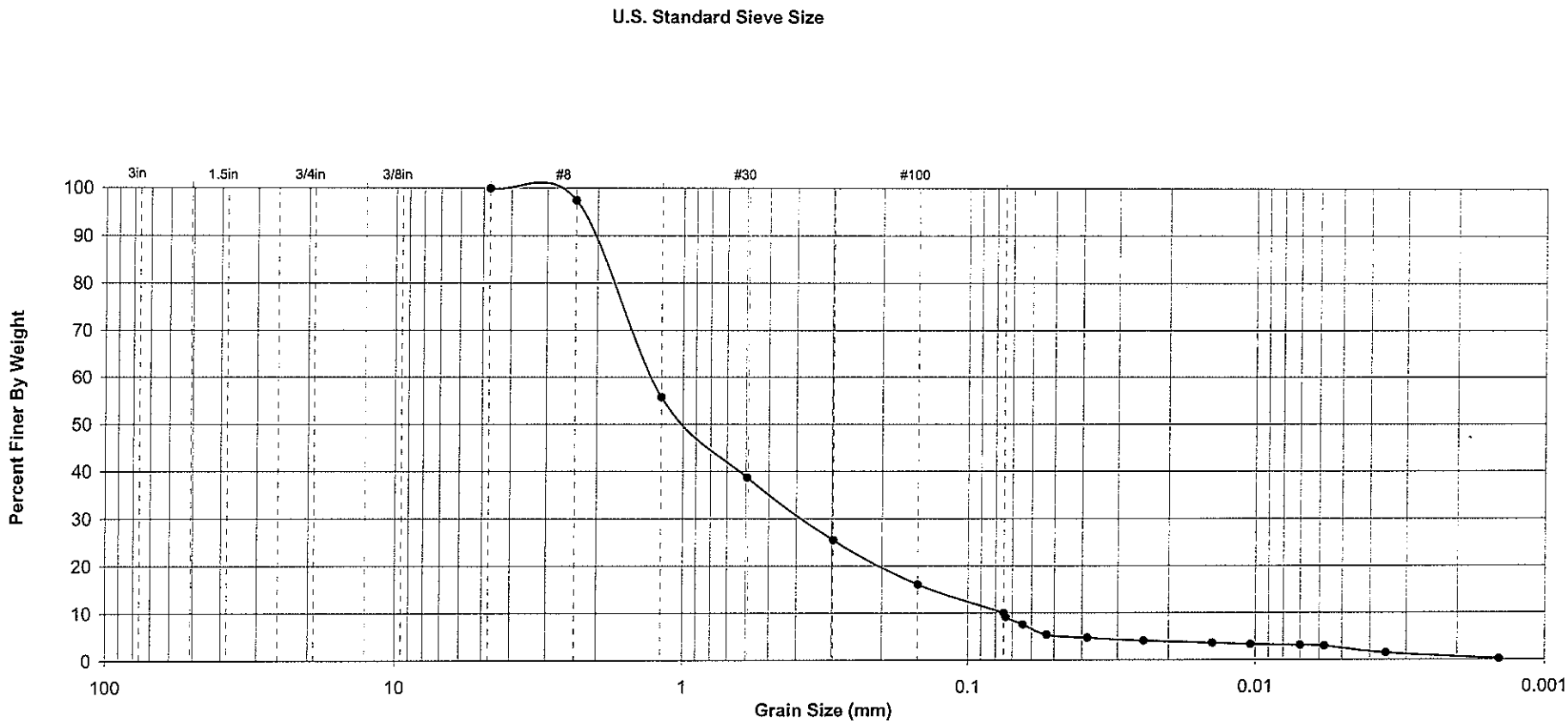
Dry Weight (g) = **100**

Total Dry Weight	1
- #4Wet Weight	500
Water Content	19.7
- #4Dry Weight	417.71

Dist 7 · I · 5

GRAIN SIZE ANALYSIS - ASTM D 422

BAS # 2004-11-014 _ 2001-090



Boring / Sample No.	Initial Dry Density (pcf)	Initial Moist. (%)	Test Dry Density (pcf)	Test Moist. (%)	Permeability, K (cm/sec)	LL	PL	PI	Unified Soil Class.	Description
PCC 07.005.S									SM	

GeoLogic Associates

PCC 007-005-L1 | SA-B.

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE 1 OF 2

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B.A.S & Associates.

ADDRESS: 1360 S. Valley Vista Dr, Diamond Bar CA.

PHONE: 909 860 7777 | FAX 1: 909 860 8012 | FAX 2:

CLIENT CONTACT: Caltrans, Ian waters | EMAIL: dshah@bas.com

PROJECT NAME: PCC study. | PROJECT NUMBER: | PROJECT STATE: CA.

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME AM	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	8260B, TPH-GRO, TVC	8270C, TPH-DRO/ORO 8081/8082	Biocassay	Chrome VI, pH, Nitrate	Nitrite, TDS, Alkalinity	Sulfate, TSS, Conductivity	Phosphate, Fluoride, Total phenols	Notes:
	PCC007-005-L1	A	40ml	V	6	11/5	2:48					X							
	PCC 007-005-L1	A	1L	G	3		2:18						X						
	PCC-007-005-L1	A	250ml	P	1		2:44							X	X	X	X		
	PCC 007 005-L1	A	1L	P	2		2:44								X	X	X		

SAMPLED BY: (PRINT) DEVAL SHAH.	DATE: 11/5/04	RECEIVED BY: (PRINT) Lateef McIntosh	DATE: 11/5/04
(SIGN)	TIME:	(SIGN)	TIME: 9:05
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE 2 OF 2

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B.A.S & Associates.

ADDRESS: 1360 S. Valley Vista Dr. Diamond Bar, CA.

PHONE: 909 860 7777 FAX 1: 909 860 8017. FAX 2:

CLIENT CONTACT: Cal Trans. Ian waters EMAIL: dshah@bas.com

PROJECT NAME: PCC - Stoddy. PROJECT NUMBER: PROJECT STATE: CA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Sulfides	Oil & Grease	CAM 17 Metals	Slurry / Soil / Solid	Tox, Phenols, COD	Notes:
	PCC 007 005-L1	A	250ml	P	1	11/5/04	2:48 Am					X					
	PCC007-005-L1	A	1L.	G	1								X	X			
	PCC 007-005-L1	A	250ml	P	1									X			
	PCC 007-005-SA.	S	8 oz	G	1										X		
	PCC 007 005-SB.	S	8 oz	G	1										X		

SAMPLED BY: (PRINT) DEVAL SHAH	DATE:	RECEIVED BY: (PRINT) Lateef M. Intosh	DATE: 11/5/04
(SIGN) Deval Shah	TIME:	(SIGN)	TIME: 9:05
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

2004 11-00023

November 17, 2004

Mr. Clifton Kiser
American Sci Los Angeles
24416 S. Main Street # 308
Carson, CA 90745

Dear Mr. Kiser:

We are pleased to present the enclosed acute bioassay report. The test was conducted under the guidelines prescribed in "Static Acute Bioassay Procedures for Hazardous Waste Samples" California Department of Fish and Game, 1988. The results were as follows:

CLIENT:	American Sci Los Angeles
SAMPLE I.D.:	11-023-01
DATE RECEIVED:	11/09/04
ABC LAB. NO.:	ASI1104.233

DOHS (TITLE 22) HAZARDOUS WASTE BIOASSAY USING FATHEAD MINNOWS

96 HOUR LC50 = >750 mg/l

STATUS = Pass

Respectfully yours,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

AQUATIC BIOASSAY AND CONSULTING LABORATORIES, INC.
29 North Olive Street
Ventura, CA 93001
(805) 643-5621

DOHS Bioassay for Hazardous Waste (Title 22)

SAMPLE INFORMATION

CLIENT:	American Sci Los Angeles	Date:	11/09/04
SAMPLE I.D.:	11-023-01	LAB #	ASI1104.233

WATER QUALITY

DILUTION WATER Reconst. Fresh				AERATION: Single Bubble Air			
CONTROL HARDNESS				CONTROL ALKALINITY			
Beg:	48 mg/l	End:	51 mg/l	Beg:	32 mg/l	End:	38 mg/l
SAMPLE HARDNESS				SAMPLE ALKALINITY			
Beg:	64 mg/l	End:	65 mg/l	Beg:	43 mg/l	End:	50 mg/l

ORGANISM INFORMATION

SPECIES:	Pimephales promelas	DATE REC'D:	10/08/04
COMMON NAME:	Fathead Minnow	AVERAGE LNTH:	39 mm
SOURCE:	Thomas Fish Co.	AVERAGE WT:	0.78 gm
CARRIER:	California Overnight	NO. FISH / TANK:	10

TEST DATA

	INITIAL			24 HOURS				48 HOURS				72 HOURS				96 HOURS			
DATE:	11/11/04			11/12/04				11/13/04				11/14/04				11/15/04			
TIME:	1730			1730				1600				1600				1630			
CONC.	Dis. Oxy.	Temp. dg.C	pH	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead
0 (Con.)	8.9	19.6	7.5	7.7	19.2	7.2	0	7.8	19.2	7.7	0	7.7	19.3	7.7	0	7.8	18.8	7.9	0
400 mg/l	8.8	19.6	8.2	7.9	18.9	7.3	0	7.8	18.8	7.4	0	7.7	19.0	7.4	0	7.7	18.7	7.9	0
400 mg/l	8.8	19.6	8.2	7.8	18.8	7.3	0	7.8	18.9	7.4	0	7.7	19.0	7.5	0	7.8	18.7	7.9	0
750 mg/l	8.8	19.6	8.3	8.0	18.8	7.3	0	7.8	18.8	7.4	0	7.7	19.0	7.5	0	7.8	18.7	7.9	0
750 mg/l	8.8	19.6	8.3	7.9	18.9	7.3	0	7.8	18.9	7.4	0	7.7	19.0	7.4	0	7.8	18.7	7.9	0

FINAL DATA

TOTAL MORTALITIES	
0 (Con.)	0
400 mg/l	0
400 mg/l	0
750 mg/l	0
750 mg/l	0

FINAL RESULTS

96 HOUR LC50 =	>750 mg/l
STATUS =	Pass
CALCULATION METHOD =	Binomial Test

Michael Machuzak, Chief Biologist

Date 11/17/04

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, California 90745
Tel: (310) 834-4868 Fax: (310) 834-4772

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Sample: 001 PCC-07-005-L2
Sampling Date: 20041105 Time: 3:48 Receive Date: 20041105 Time: 10:40
Matrix: AQ

Parameter	Method	Results	PQL	Units	Analysis Date
Title 22 Metals, Water					20041110
Silver, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Arsenic, Water	ICP, EPA Method 200.7	0.25	0.050	mg/L	20041110
Barium, Water	ICP, EPA Method 200.7	6.2	0.015	mg/L	20041110
Beryllium, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Cadmium, Water	ICP, EPA Method 200.7	0.046	0.015	mg/L	20041110
Cobalt, Water	ICP, EPA Method 200.7	0.34	0.015	mg/L	20041110
Chromium, Water	ICP, EPA Method 200.7	0.51	0.015	mg/L	20041110
Copper, Water	ICP, EPA Method 200.7	1.2	0.025	mg/L	20041110
Mercury, Water, Cold Vapor	AA, SW-846 Method 7470	0.003	0.001	mg/L	20041110
Molybdenum, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Nickel, Water	ICP, EPA Method 200.7	0.44	0.025	mg/L	20041110
Lead, Water, ICP	ICP, EPA Method 200.7	0.43	0.025	mg/L	20041110
Antimony, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Selenium, Water	ICP, EPA Method 200.7	0.17	0.050	mg/L	20041110
Thallium, Water	ICP, EPA Method 200.7	<0.075	0.075	mg/L	20041110
Vanadium, Water	ICP, EPA Method 200.7	1.1	0.015	mg/L	20041110
Zinc, Water	ICP, EPA Method 200.7	8.3	0.050	mg/L	20041110
Aqueous Extraction, HCl	SW-846 3010	11/09/2004		DATE	20041110
Mercury water prep.	EPA Methods 245.1	11/09/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.010	0.010	mg/L	20041105
pH	EPA 150.1/SM 4500-H B	10.8	0.10	Units	20041105
Total Dissolved Solids	EPA Method 160.1	1600	10	mg/L	20041109
Hardness	2340B, Calculation Ca/Mg	300	5.0	mg/L	20041109
Alkalinity	EPA Method 2320B	30000	500	mg/L	20041110
Oil & Grease, Gravimetric	EPA Method 1664, AQ	29	4.0	mg/L	20041115
Aqueous, EPA 8260B/5030B					20041106
Dibromofluromethane (SU)	EPA Method 8260B	110		Percent	20041106
1,2-Dichloroethane (SU)	EPA Method 8260B	104		Percent	20041106
Toluene-d8 (SU)	EPA Method 8260B	100		Percent	20041106
Dilution Factor	Dilution Factor				20041106

Dichlorodifluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl chloride	EPA Method 8260B	<5	5	ug/L	20041106
Bromomethane	EPA Method 8260B	<25	25	ug/L	20041106
Chloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Trichlorofluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Acetone	EPA Method 8260B	<50	50	ug/L	20041106
1,1-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
t-Butyl Alcohol (TBA)	EPA Method 8260B	<250	250	ug/L	20041106
Methylene chloride	EPA Method 8260B	<25	25	ug/L	20041106
Freon 113	EPA Mehtod 8260B	<50	50	ug/L	20041106
Carbon disulfide	EPA Method 8260B	<50	50	ug/L	20041106
trans-1,2-Dichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Methyl-tert-butyl-ether	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl acetate	EPA Method 8260B	<50	50	ug/L	20041106
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	5	ug/L	20041106
2-Butanone-(MEK)	EPA Method 8260B	<25	25	ug/L	20041106
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloroform	EPA Method 8260B	<5	5	ug/L	20041106
2,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
Carbon tetrachloride	EPA Method 8260B	<5	5	ug/L	20041106
Benzene	EPA Method 8260B	<5	5	ug/L	20041106
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	5	ug/L	20041106
Dibromomethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Trichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Bromodichloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Chloroethylvinylether	EPA Method 8260B	<20	20	ug/L	20041106
cis-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<20	20	ug/L	20041106
trans-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Toluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Dibromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Hexanone	EPA Method 8260B	<20	20	ug/L	20041106

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Tetrachloroethene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Chlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Ethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
m,p-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromoform	EPA Method 8260B	<5	5	ug/L	20041106
Styrene	EPA Method 8260B	<5	5	ug/L	20041106
o-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,3-Trichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Isopropylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
Bromobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Propylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
2-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
4-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
tert-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
sec-Butlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,4-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
p-Isopropyltoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Naphthalene	EPA Method 8260B	<5	5	ug/L	20041106
Hexachlorobutadiene	EPA Method 8260B	<20	20	ug/L	20041106
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Diesel Range Organic C8-C28	8015M, FID, Extractable	<5	5	mg/L	20041107
Oil Range Organic C28-C40	8015M, FID, Extractable	<10	10	mg/L	20041107
8270 BNA, Aqueous					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	74.8		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	62.9		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	40.1		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	33.8		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	63.2		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	74.4		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	80.0		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	73.0		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Aq	<50	50	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

1,4-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dimethylphenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chloronaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-MethylNaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Nitrophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
3-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Chloroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
4-Nitroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Nitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Acenapthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Acenaphthylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzidine	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
Benzo(a)anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(a)pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzoic Acid	EPA 8270 B/N, AQ	300	250	ug/L	20041111
Benzyl Alcohol	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Bis-(2-Chloroethoxy)-methan	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Chrysene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-butylphthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-octyl phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

Dibenzo(a,h)Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzofuran	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Diethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dimethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluorene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobutadiene	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachloroethane	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Isophorone	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Naphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Nitrobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Pentachlorophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Phenanthrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Phenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Sample: 002 PCC-07-005-S2
Sampling Date: 20041105 Time: 3:48 Receive Date: 20041105 Time: 10:40
Matrix: SO

Parameter	Method	Results	PQL	Units	Analysis Date
pH, Soil or Solid	EPA Method 150.1/9045	9.77	0.10	Unit	20041108
Title 22 Metals, Solid					20041110
Silver, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Arsenic, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Barium, Solid	ICP, SW-846 Method 6010B	76	20	mg/kg	20041110
Beryllium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cadmium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cobalt, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Chromium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Copper, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Mercury, Solid, Cold Vapor	AA, SW-846 Method 7471	<0.10	0.10	mg/kg	20041111
Molybdenum, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Nickel, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Lead, Solid	ICP, EPA SW-846 6010B	<20	20	mg/kg	20041110
Antimony, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Selenium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Thallium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110

Vanadium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Zinc, Solid	ICP, SW-846 Method 6010B	240	20	mg/kg	20041110
Solid Extraction, HCl	SW-846, 3050	11/09/2004		DATE	20041110
Mercury solid prep	Mercury Solid Prep	11/10/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.10	0.10	mg/kg	20041116
Oil & Grease, Gravimetric	EPA Method 1664, Solid	610	50	mg/kg	20041115
Diesel Range Organic C8-C28	8015M, FID, Extractable	<20	20	mg/kg	20041115
Oil Range Organic C28-C40	8015M, FID, Extractable	<50	50	mg/kg	20041115
Solid, 8260B/5030B					20041115
Dibromofluromethane (SU)	EPA Method 8260B	62		Percent	20041115
1,2-Dichloroethane (SU)	EPA Method 8260B	104		Percent	20041115
Toluene-d8 (SU)	EPA Method 8260B	96		Percent	20041115
Dichlorodifluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl chloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromomethane	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Chloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichlorofluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Acetone	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,1-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.25	0.25	mg/kg	20041115
Methylene chloride	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Freon 113	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon disulfide	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl acetate	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
Diisopropyl Ether (DIPE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Butanone-(MEK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloroform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon Tetrachloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Benzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromomethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Trichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromodichloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chloroethylvinylether	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Toluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Hexanone	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
Tetrachloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
m,p-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromoform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Styrene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
o-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Isopropylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Propylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
tert-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
sec-Butlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
p-Isopropyltoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Naphthalene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Hexachlorobutadiene	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
8270 BNA, Solid					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	78.4		Percent	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	70.6		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	71.7		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	78.8		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	60.2		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	62.4		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	79.1		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	66.4		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dichlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dimethylphenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chloronaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-MethylNaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Nitrophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
3-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, Soil	<0.66	0.66	mg/Kg	20041111
4-Chloroaniline	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
4-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
4-Nitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Acenaphthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Acenaphthylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzidine	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzo(a)anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(a)pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100025
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Benzoic Acid	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzyl Alcohol	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Bis-(2-Chloroethoxy)methane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, Soil	0.73	0.33	mg/Kg	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Chrysene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-butylphthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-octyl phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzofuran	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Diethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dimethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluorene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobutadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachloroethane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Isophorone	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Naphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Nitrobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Pentachlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Phenanthrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Phenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order #	20041100025	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

PQL = Minimum Practical Quantitation Limit.

Clifton J. Kiser, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.
This report shall not be reproduced, except in full, without the written approval of AmeriSci. No use of this report for promotional or advertising purpose is permitted without prior written AmeriSci approval.

PCC-007-005-L2 / SA2

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE 1 OF 1

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B.A.S & Associates

ADDRESS: 1360 S. Valley Vista Dr. Diamond Bar, CA

PHONE: 909 860 7777 | FAX 1: 909 860 5017 | FAX 2:

CLIENT CONTACT: Ian water / Deval Shah | EMAIL: dshah@bas.com

PROJECT NAME: Cal Trans - PCC Study | PROJECT NUMBER: | PROJECT STATE: CA

MATRIX: **A**-WATER **S**-SOIL/SOLIDS **SL**-SLUDGE **OIL**-OIL **CH**-CHIPS **WI**-WIPES **C**-CASSETTES **W**-WASTE **O**-OTHER

CONTAINER: **P**-PLASTIC **G**-GLASS **V**-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	8260B, TPH-GRO	8270C, TPH-DRO/ORO	Chrome VI, pH, TDS, Alk.	Oil & Grease	CAM 17 Metals	Solids / Soil: Para.	Notes:
	PCC 007-005-L2	A	40ml	V	4	11/5	3:44 AM	DMS		HCl		X						
	PCC 007 005-L2	A	1L	G	2								X					
	PCC 007-005-L2	A	1L	P	1									X				
	PCC 007-005-L2	A	1L	G	1					HCl					X			
	PCC-007 005-L2	A	250ml	P	1					Nitric						X		
	PCC-007-005-SA2	S	8oz	G	1												X	Soil
	PCC-007-005-SB2	S	8oz	G	1												X	Soil

SAMPLED BY: (PRINT) DEVAL SHAH	DATE: 11/5	RECEIVED BY: (PRINT) Heather McIntosh	DATE: 11/5/04
(SIGN) Deval Shah	TIME: 3:49 Am.	(SIGN)	TIME: 1205
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, California 90745
Tel: (310) 834-4868 Fax: (310) 834-4772

AmeriSci Work Order # 20041100026
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Sample: 001 PCC-07-005-L3
Sampling Date: 20041105 Time: 4:42 Receive Date: 20041105 Time: 10:40
Matrix: AQ

Parameter	Method	Results	PQL	Units	Analysis Date
Title 22 Metals, Water					20041110
Silver, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Arsenic, Water	ICP, EPA Method 200.7	0.30	0.050	mg/L	20041110
Barium, Water	ICP, EPA Method 200.7	7.6	0.015	mg/L	20041110
Beryllium, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Cadmium, Water	ICP, EPA Method 200.7	0.052	0.015	mg/L	20041110
Cobalt, Water	ICP, EPA Method 200.7	0.44	0.015	mg/L	20041110
Chromium, Water	ICP, EPA Method 200.7	0.66	0.015	mg/L	20041110
Copper, Water	ICP, EPA Method 200.7	1.6	0.025	mg/L	20041110
Mercury, Water, Cold Vapor	AA, SW-846 Method 7470	0.002	0.001	mg/L	20041110
Molybdenum, Water	ICP, EPA Method 200.7	0.028	0.025	mg/L	20041110
Nickel, Water	ICP, EPA Method 200.7	0.57	0.025	mg/L	20041110
Lead, Water, ICP	ICP, EPA Method 200.7	0.60	0.025	mg/L	20041110
Antimony, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Selenium, Water	ICP, EPA Method 200.7	0.20	0.050	mg/L	20041110
Thallium, Water	ICP, EPA Method 200.7	<0.075	0.075	mg/L	20041110
Vanadium, Water	ICP, EPA Method 200.7	1.4	0.015	mg/L	20041110
Zinc, Water	ICP, EPA Method 200.7	13	0.050	mg/L	20041110
Aqueous Extraction, HCL	SW-846 3010	11/09/2004		DATE	20041110
Mercury water prep.	EPA Methods 245.1	11/09/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	0.097	0.010	mg/L	20041105
pH	EPA 150.1/SM 4500-H B	10.8	0.10	Units	20041105
Total Dissolved Solids	EPA Method 160.1	2300	10	mg/L	20041109
HARDNESS	2340B, Calculation Ca/Mg	550	5.0	mg/L	20041109
Alkalinity	EPA Method 2320B	12000	500	mg/L	20041110
Oil & Grease, Gravimetric	EPA Method 1664, AQ	28	4.0	mg/L	20041115
Aqueous, EPA 8260B/5030B					20041106
Dibromofluromethane (SU)	EPA Method 8260B	108		Percent	20041106
1,2-Dichloroethane (SU)	EPA Method 8260B	104		Percent	20041106
Toluene-d8 (SU)	EPA Method 8260B	104		Percent	20041106
Dilution Factor	Dilution Factor				20041106

Dichlorodifluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl chloride	EPA Method 8260B	<5	5	ug/L	20041106
Bromomethane	EPA Method 8260B	<25	25	ug/L	20041106
Chloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Trichlorofluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Acetone	EPA Method 8260B	<50	50	ug/L	20041106
1,1-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
t-Butyl Alcohol (TBA)	EPA Method 8260B	<250	250	ug/L	20041106
Methylene chloride	EPA Method 8260B	<25	25	ug/L	20041106
Freon 113	EPA Mehtod 8260B	<50	50	ug/L	20041106
Carbon disulfide	EPA Method 8260B	<50	50	ug/L	20041106
trans-1,2-Dichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Methyl-tert-butyl-ether	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl acetate	EPA Method 8260B	<50	50	ug/L	20041106
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	5	ug/L	20041106
2-Butanone-(MEK)	EPA Method 8260B	<25	25	ug/L	20041106
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloroform	EPA Method 8260B	<5	5	ug/L	20041106
2,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
Carbon tetrachloride	EPA Method 8260B	<5	5	ug/L	20041106
Benzene	EPA Method 8260B	<5	5	ug/L	20041106
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	5	ug/L	20041106
Dibromomethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Trichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Bromodichloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Chloroethylvinylether	EPA Method 8260B	<20	20	ug/L	20041106
cis-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<20	20	ug/L	20041106
trans-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Toluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Dibromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Hexanone	EPA Method 8260B	<20	20	ug/L	20041106

Tetrachloroethene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Chlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Ethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
m,p-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromoform	EPA Method 8260B	<5	5	ug/L	20041106
Styrene	EPA Method 8260B	<5	5	ug/L	20041106
o-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,3-Trichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Isopropylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
Bromobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Propylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
2-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
4-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
tert-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
sec-Butlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,4-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
p-Isopropyltoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Naphthalene	EPA Method 8260B	<5	5	ug/L	20041106
Hexachlorobutadiene	EPA Method 8260B	<20	20	ug/L	20041106
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Diesel Range Organic C8-C28	8015M, FID, Extractable	<5	5	mg/L	20041107
Oil Range Organic C28-C40	8015M, FID, Extractable	<10	10	mg/L	20041107
8270 BNA, Aqueous					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	73.8		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	61.6		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	31.2		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	20.8		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	76.8		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	77.0		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	92.0		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	84.6		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Aq	<50	50	ug/L	20041111

AmeriSci Work Order #	20041100026	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

1,4-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dimethylphenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chloronaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-MethylNaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Nitrophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
3-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Chloroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
4-Nitroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Nitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Acenapthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Acenaphthylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzidine	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
Benzo(a)anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(a)pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzoic Acid	EPA 8270 B/N, AQ	310	250	ug/L	20041111
Benzyl Alcohol	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Bis-(2-Chloroethoxy)-methan	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Chrysene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-butylphthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-octyl phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100026
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Dibenzo(a,h)Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzofuran	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Diethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dimethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluorene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobutadiene	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachloroethane	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Isophorone	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Naphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Nitrobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Pentachlorophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Phenanthrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Phenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Sample: 002 PCC-07-005-S3
Sampling Date: 20041105 Time: 4:42 Receive Date: 20041105 Time: 10:40
Matrix: SO

Parameter	Method	Results	PQL	Units	Analysis Date
pH, Soil or Solid	EPA Method 150.1/9045	10.0	0.10	Unit	20041108
Title 22 Metals, Solid					20041110
Silver, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Arsenic, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Barium, Solid	ICP, SW-846 Method 6010B	64	20	mg/kg	20041110
Beryllium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cadmium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cobalt, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Chromium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Copper, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Mercury, Solid, Cold Vapor	AA, SW-846 Method 7471	<0.10	0.10	mg/kg	20041110
Molybdenum, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Nickel, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Lead, Solid	ICP, EPA SW-846 6010B	<20	20	mg/kg	20041110
Antimony, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Selenium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Thallium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110

Vanadium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Zinc, Solid	ICP, SW-846 Method 6010B	230	20	mg/kg	20041110
Solid Extraction, HCL	SW-846, 3050	11/10/2004		DATE	20041110
Mercury solid prep	Mercury Solid Prep	11/10/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.10	0.10	mg/kg	20041116
Oil & Grease, Gravimetric	EPA Method 1664, Solid	830	50	mg/kg	20041119
Diesel Range Organic C8-C28	8015M, FID, Extractable	<20	20	mg/kg	20041115
Oil Range Organic C28-C40	8015M, FID, Extractable	<50	50	mg/kg	20041115
Solid, 8260B/5030B					20041115
Dibromofluromethane (SU)	EPA Method 8260B	48		Percent	20041115
1,2-Dichloroethane (SU)	EPA Method 8260B	106		Percent	20041115
Toluene-d8 (SU)	EPA Method 8260B	98		Percent	20041115
Dichlorodifluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl chloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromomethane	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Chloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichlorofluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Acetone	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,1-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.25	0.25	mg/kg	20041115
Methylene chloride	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Freon 113	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon disulfide	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl acetate	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
Diisopropyl Ether (DIPE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Butanone-(MEK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloroform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon Tetrachloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Benzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromomethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

Trichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromodichloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chloroethylvinylether	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Toluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Hexanone	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
Tetrachloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
m,p-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromoform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Styrene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
o-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Isopropylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Propylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
tert-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
sec-Butlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
p-Isopropyltoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Naphthalene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Hexachlorobutadiene	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
8270 BNA, Solid					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	74.8		Percent	20041111

AmeriSci Work Order # 20041100026
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	70.8		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	72.4		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	79.4		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	58.7		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	62.1		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	78.0		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	66.3		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dichlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dimethylphenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chloronaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-MethylNaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Nitrophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
3-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, Soil	<0.66	0.66	mg/Kg	20041111
4-Chloroaniline	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
4-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
4-Nitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Acenaphthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Acenaphthylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzidine	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzo(a)anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(a)pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order # 20041100026
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Benzoic Acid	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzyl Alcohol	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Bis-(2-Chloroethoxy)methane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, Soil	0.80	0.33	mg/Kg	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Chrysene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-butylphthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-octyl phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzofuran	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Diethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dimethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluorene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobutadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachloroethane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Isophorone	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Naphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Nitrobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Pentachlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Phenanthrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Phenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order #	20041100026	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

PQL = Minimum Practical Quantitation Limit.

Clifton J. Kiser, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.
This report shall not be reproduced, except in full, without the written approval of AmeriSci. No use of this report for promotional or advertising purpose is permitted without prior written AmeriSci approval.

PCC-07-005-L3-SA3. L3

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE _____ OF _____

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B.A.S & Associates

ADDRESS: 1360 S. Valley Vista Dr., Diamond Bar, CA

PHONE: 909 860 7777 | FAX 1: 909 560-8017 | FAX 2:

CLIENT CONTACT: Caltrans / Sam Waters | EMAIL: dshah@bas.com

PROJECT NAME: Caltrans PCC Study | PROJECT NUMBER: | PROJECT STATE: CA

MATRIX: **A**-WATER **S**-SOIL/SOLIDS **SL**-SLUDGE **OIL**-OIL **CH**-CHIPS **WI**-WIPES **C**-CASSETTES **W**-WASTE **O**-OTHER

CONTAINER: **P**-PLASTIC **G**-GLASS **V**-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME AM	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	8260B, TPH-GRO	8270C, TPH-DRO/ORO	Cr+6, pH, TRS, Alkalinity	Oil & Grease	CAM 17 Metals	Soils / Solids	Notes:
	PCC007-005-L3	A	40ml	V	4	11/5	4:42	DMS		HCl		X						
	PCC007-005-L3	A	1L	G	2					—			X					
	PCC 007 005 L3	A	1L	P	1					—				X				
	PCC 007 005 L3	A	1L	G	1					HCl					X			
	PCC 007 005 L3	A	250ml	P	1					NaOH						X		
	PCC 007 005-SA3	S	8oz	G	1					—							X	
	PCC 007 005-SB3	S	8oz	G	1					—							X	
										—								

SAMPLED BY: (PRINT) DEVAL M. SHAH	DATE: 11/5/09	RECEIVED BY: (PRINT) Latest / McIntosh	DATE: 11/5/09
(SIGN) Deval Shah	TIME:	(SIGN)	TIME: 9:05
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, California 90745
Tel: (310) 834-4868 Fax: (310) 834-4772

AmeriSci Work Order # 20041100027
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Sample: 001 PCC-07-005-L4
Sampling Date: 20041105 Time: 5:15 Receive Date: 20041105 Time: 10:40
Matrix: AQ

Parameter	Method	Results	PQL	Units	Analysis Date
Title 22 Metals, Water					20041110
Silver, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Arsenic, Water	ICP, EPA Method 200.7	0.31	0.050	mg/L	20041110
Barium, Water	ICP, EPA Method 200.7	8.2	0.015	mg/L	20041110
Beryllium, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Cadmium, Water	ICP, EPA Method 200.7	0.058	0.015	mg/L	20041110
Cobalt, Water	ICP, EPA Method 200.7	0.45	0.015	mg/L	20041110
Chromium, Water	ICP, EPA Method 200.7	0.71	0.015	mg/L	20041110
Copper, Water	ICP, EPA Method 200.7	1.8	0.025	mg/L	20041110
Mercury, Water, Cold Vapor	AA, SW-846 Method 7470	0.002	0.001	mg/L	20041110
Molybdenum, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Nickel, Water	ICP, EPA Method 200.7	0.59	0.025	mg/L	20041110
Lead, Water, ICP	ICP, EPA Method 200.7	0.72	0.025	mg/L	20041110
Antimony, Water	ICP, EPA Method 200.7	0.35	0.025	mg/L	20041110
Selenium, Water	ICP, EPA Method 200.7	0.22	0.050	mg/L	20041110
Thallium, Water	ICP, EPA Method 200.7	<0.075	0.075	mg/L	20041110
Vanadium, Water	ICP, EPA Method 200.7	1.5	0.015	mg/L	20041110
Zinc, Water	ICP, EPA Method 200.7	15	0.050	mg/L	20041110
Aqueous Extraction, HCL	SW-846 3010	11/09/2004		DATE	20041110
Mercury water prep.	EPA Methods 245.1	11/09/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	0.018	0.010	mg/L	20041105
pH	EPA 150.1/SM 4500-H B	10.7	0.10	Units	20041105
Total Dissolved Solids	EPA Method 160.1	1600	10	mg/L	20041110
Hardness	2340B, Calculation Ca/Mg	530	5.0	mg/L	20041109
Alkalinity	EPA Method 2320B	21000	500	mg/L	20041110
Oil & Grease, Gravimetric	EPA Method 1664, AQ	21	4.0	mg/L	20041115
Aqueous, EPA 8260B/5030B					20041106
Dibromofluromethane (SU)	EPA Method 8260B	110		Percent	20041106
1,2-Dichloroethane (SU)	EPA Method 8260B	106		Percent	20041106
Toluene-d8 (SU)	EPA Method 8260B	104		Percent	20041106
Dilution Factor	Dilution Factor				20041106

Boston - Los Angeles - New York - Richmond
www.amerisci.com

Dichlorodifluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl chloride	EPA Method 8260B	<5	5	ug/L	20041106
Bromomethane	EPA Method 8260B	<25	25	ug/L	20041106
Chloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Trichlorofluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Acetone	EPA Method 8260B	<50	50	ug/L	20041106
1,1-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
t-Butyl Alcohol (TBA)	EPA Method 8260B	<250	250	ug/L	20041106
Methylene chloride	EPA Method 8260B	<25	25	ug/L	20041106
Freon 113	EPA Mehtod 8260B	<50	50	ug/L	20041106
Carbon disulfide	EPA Method 8260B	<50	50	ug/L	20041106
trans-1,2-Dichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Methyl-tert-butyl-ether	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl acetate	EPA Method 8260B	<50	50	ug/L	20041106
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	5	ug/L	20041106
2-Butanone-(MEK)	EPA Method 8260B	<25	25	ug/L	20041106
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloroform	EPA Method 8260B	<5	5	ug/L	20041106
2,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
Carbon tetrachloride	EPA Method 8260B	<5	5	ug/L	20041106
Benzene	EPA Method 8260B	<5	5	ug/L	20041106
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	5	ug/L	20041106
Dibromomethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Trichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Bromodichloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Chloroethylvinylether	EPA Method 8260B	<20	20	ug/L	20041106
cis-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<20	20	ug/L	20041106
trans-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Toluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Dibromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Hexanone	EPA Method 8260B	<20	20	ug/L	20041106

Tetrachloroethene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Chlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Ethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
m,p-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromoform	EPA Method 8260B	<5	5	ug/L	20041106
Styrene	EPA Method 8260B	<5	5	ug/L	20041106
o-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,3-Trichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Isopropylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
Bromobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Propylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
2-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
4-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
tert-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
sec-Butlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,4-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
p-Isopropyltoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Naphthalene	EPA Method 8260B	<5	5	ug/L	20041106
Hexachlorobutadiene	EPA Method 8260B	<20	20	ug/L	20041106
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Diesel Range Organic C8-C28	8015M, FID, Extractable	<5	5	mg/L	20041107
Oil Range Organic C28-C40	8015M, FID, Extractable	<10	10	mg/L	20041107
8270 BNA, Aqueous					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	72.9		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	57.6		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	33.8		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	30.2		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	58.5		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	73.6		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	83.0		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	69.9		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Aq	<50	50	ug/L	20041111

AmeriSci Work Order # 20041100027
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

1,4-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dimethylphenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chloronaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-MethylNaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Nitrophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
3-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Chloroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
4-Nitroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Nitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Acenapthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Acenaphthylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzidine	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
Benzo(a)anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(a)pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzoic Acid	EPA 8270 B/N, AQ	350	250	ug/L	20041111
Benzyl Alcohol	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Bis-(2-Chloroethoxy)-methan	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Chrysene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-butylphthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-octyl phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order # 20041100027
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Dibenzo(a,h)Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzofuran	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Diethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dimethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluorene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobutadiene	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachloroethane	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Isophorone	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Naphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Nitrobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Pentachlorophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Phenanthrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Phenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Sample: 002 PCC-07-005-S4
Sampling Date: 20041105 Time: 5:15 Receive Date: 20041105 Time: 10:40
Matrix: SO

Parameter	Method	Results	PQL	Units	Analysis Date
pH, Soil or Solid	EPA Method 150.1/9045	10.2	0.10	Unit	20041109
Title 22 Metals, Solid					20041110
Silver, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Arsenic, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Barium, Solid	ICP, SW-846 Method 6010B	120	20	mg/kg	20041110
Beryllium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cadmium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cobalt, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Chromium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Copper, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Mercury, Solid, Cold Vapor	AA, SW-846 Method 7471	<0.10	0.10	mg/kg	20041111
Molybdenum, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Nickel, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Lead, Solid	ICP, EPA SW-846 6010B	23	20	mg/kg	20041110
Antimony, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Selenium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Thallium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110

AmeriSci Work Order #	20041100027	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

Vanadium, Solid	ICP, SW-846 Method 6010B	21	20	mg/kg	20041110
Zinc, Solid	ICP, SW-846 Method 6010B	450	20	mg/kg	20041110
Solid Extraction, HCL	SW-846, 3050	11/09/2004		DATE	20041110
Mercury solid prep	Mercury Solid Prep	11/10/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.10	0.10	mg/kg	20041116
Oil & Grease, Gravimetric	EPA Method 1664, Solid	330	50	mg/kg	20041115
Diesel Range Organic C8-C28	8015M, FID, Extractable	<20	20	mg/kg	20041115
Oil Range Organic C28-C40	8015M, FID, Extractable	<50	50	mg/kg	20041115
Solid, 8260B/5030B					20041115
Dibromoflurometh ane (SU)	EPA Method 8260B	56		Percent	20041115
1,2-Dichloroethane (SU)	EPA Method 8260B	110		Percent	20041115
Toluene-d8 (SU)	EPA Method 8260B	96		Percent	20041115
Dichlorodifluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl chloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromomethane	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Chloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichlorofluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Acetone	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,1-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.25	0.25	mg/kg	20041115
Methylene chloride	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Freon 113	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon disulfide	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl acetate	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
Diisopropyl Ether (DIPE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Butanone-(MEK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloroform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon Tetrachloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Benzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromomethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

AmeriSci Work Order #	20041100027	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

Trichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromodichloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chloroethylvinylether	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Toluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Hexanone	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
Tetrachloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
m,p-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromoform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Styrene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
o-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Isopropylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Propylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
tert-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
sec-Butlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
p-Isopropyltoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Naphthalene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Hexachlorobutadiene	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
8270 BNA, Solid					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	74.4		Percent	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order #	20041100027	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	71.1		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	73.4		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	80.0		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	58.6		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	62.0		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	80.0		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	66.4		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dichlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dimethylphenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chloronaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-MethylNaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Nitrophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
3-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, Soil	<0.66	0.66	mg/Kg	20041111
4-Chloroaniline	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
4-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
4-Nitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Acenaphthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Acenaphthylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzidine	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzo(a)anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(a)pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

AmeriSci Work Order #	20041100027	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

Benzoic Acid	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzyl Alcohol	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Bis-(2-Chloroethoxy)methane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, Soil	1.1	0.33	mg/Kg	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Chrysene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-butylphthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-octyl phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzofuran	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Diethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dimethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluorene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobutadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachloroethane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Isophorone	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Naphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Nitrobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Pentachlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Phenanthrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Phenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order #	20041100027	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

PQL = Minimum Practical Quantitation Limit.

Clifton J. Kiser, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.
This report shall not be reproduced, except in full, without the written approval of AmeriSci. No use of this report for promotional or advertising purpose is permitted without prior written AmeriSci approval.

PCC 07 005- L4 - SA4 I5 & Norwalk Blvd

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE _____ OF _____

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B.A.S & Associates

ADDRESS: 1360 S. Valley Vista Dr. Diamond Bar, CA

PHONE: 909 860 7777 FAX 1: 909 860 8017 FAX 2:

CLIENT CONTACT: Ian Waterf Deval Shah EMAIL: dshah@bas.com

PROJECT NAME: PCC Steady - Caltrans PROJECT NUMBER: PROJECT STATE: CA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME AM	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	8260B, TPH-GRO	8270C, TPH-DRO/ORO	Cr+6, pH, TDS, Alkalinity	Oil & Grease	CAM 17 Metals	Solids / Soil	Notes:
	PCC 07 005-L4	A	40ml	V	4	11/5	5:15	DML		HCl		X						
	PCC 07 005-L4	A	1L	G	2					–			X					
	PCC 07 005-L4	A	1L	P	1					–				X				
	PCC 07 005 L4	A	1L	G	1					HCl					X			
	PCC 07 005 L4	A	250ml	P	1					Nitric						X		
	PCC 07 005-SA4	S	8 oz	G	1					–							X	Soil
	PCC 07 005 SA4	S	8 oz.	G	1					–							X	Soil.
										–								

SAMPLED BY: (PRINT) DEVAL M. SHAH	DATE: 11/5/04	RECEIVED BY: (PRINT) Latoya McIntosh	DATE: 11/5/04
(SIGN) Deval Shah	TIME: 5:15 AM	(SIGN)	TIME: 9:05
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, California 90745
Tel: (310) 834-4868 Fax: (310) 834-4772

AmeriSci Work Order # 20041100028
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Sample: 001 PCC-07-005-L5
Sampling Date: 20041105 Time: 5:49 Receive Date: 20041105 Time: 10:40
Matrix: AQ

Parameter	Method	Results	PQL	Units	Analysis Date
Title 22 Metals, Water					20041110
Silver, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Arsenic, Water	ICP, EPA Method 200.7	0.59	0.050	mg/L	20041110
Barium, Water	ICP, EPA Method 200.7	17	0.015	mg/L	20041110
Beryllium, Water	ICP, EPA Method 200.7	<0.015	0.015	mg/L	20041110
Cadmium, Water	ICP, EPA Method 200.7	0.14	0.015	mg/L	20041110
Cobalt, Water	ICP, EPA Method 200.7	0.95	0.015	mg/L	20041110
Chromium, Water[1]	ICP, EPA Method 200.7	1.5	0.015	mg/L	20041110
Copper, Water	ICP, EPA Method 200.7	3.8	0.025	mg/L	20041110
Mercury, Water, Cold Vapor	AA, SW-846 Method 7470	0.003	0.001	mg/L	20041111
Molybdenum, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Nickel, Water	ICP, EPA Method 200.7	1.2	0.025	mg/L	20041110
Lead, Water, ICP	ICP, EPA Method 200.7	1.6	0.025	mg/L	20041110
Antimony, Water	ICP, EPA Method 200.7	<0.025	0.025	mg/L	20041110
Selenium, Water	ICP, EPA Method 200.7	0.18	0.050	mg/L	20041110
Thallium, Water	ICP, EPA Method 200.7	<0.075	0.075	mg/L	20041110
Vanadium, Water	ICP, EPA Method 200.7	3.1	0.015	mg/L	20041110
Zinc, Water	ICP, EPA Method 200.7	33	0.050	mg/L	20041110
Aqueous Extraction, HCL	SW-846 3010	11/09/2004		DATE	20041110
Mercury water prep.	EPA Methods 245.1	11/09/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	0.024	0.010	mg/L	20041105
pH	EPA 150.1/SM 4500-H B	10.7	0.10	Units	20041105
Total Dissolved Solids	EPA Method 160.1	1500	10	mg/L	20041109
Hardness	2340B, Calculation Ca/Mg	430	5.0	mg/L	20041110
Alkalinity	EPA Method 2320B	14000	500	mg/L	20041110
Oil & Grease, Gravimetric	EPA Method 1664, AQ	35	4.0	mg/L	20041115
Aqueous, EPA 8260B/5030B					20041106
Dibromofluromethane (SU)	EPA Method 8260B	110		Percent	20041106
1,2-Dichloroethane (SU)	EPA Method 8260B	106		Percent	20041106
Toluene-d8 (SU)	EPA Method 8260B	104		Percent	20041106
Dilution Factor	Dilution Factor				20041106

Dichlorodifluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl chloride	EPA Method 8260B	<5	5	ug/L	20041106
Bromomethane	EPA Method 8260B	<25	25	ug/L	20041106
Chloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Trichlorofluoromethane	EPA Method 8260B	<5	5	ug/L	20041106
Acetone	EPA Method 8260B	<50	50	ug/L	20041106
1,1-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
t-Butyl Alcohol (TBA)	EPA Method 8260B	<250	250	ug/L	20041106
Methylene chloride	EPA Method 8260B	<25	25	ug/L	20041106
Freon 113	EPA Mehtod 8260B	<50	50	ug/L	20041106
Carbon disulfide	EPA Method 8260B	<50	50	ug/L	20041106
trans-1,2-Dichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Methyl-tert-butyl-ether	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Vinyl acetate	EPA Method 8260B	<50	50	ug/L	20041106
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	5	ug/L	20041106
2-Butanone-(MEK)	EPA Method 8260B	<25	25	ug/L	20041106
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
Chloroform	EPA Method 8260B	<5	5	ug/L	20041106
2,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,1-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
Carbon tetrachloride	EPA Method 8260B	<5	5	ug/L	20041106
Benzene	EPA Method 8260B	<5	5	ug/L	20041106
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	5	ug/L	20041106
Dibromomethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Trichloroethene	EPA Method 8260B	<5	5	ug/L	20041106
Bromodichloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Chloroethylvinylether	EPA Method 8260B	<20	20	ug/L	20041106
cis-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<20	20	ug/L	20041106
trans-1,3-Dichloropropene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2-Trichloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Toluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Dibromochloromethane	EPA Method 8260B	<5	5	ug/L	20041106
2-Hexanone	EPA Method 8260B	<20	20	ug/L	20041106

Tetrachloroethene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
Chlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Ethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
m,p-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
Bromoform	EPA Method 8260B	<5	5	ug/L	20041106
Styrene	EPA Method 8260B	<5	5	ug/L	20041106
o-Xylene	EPA Method 8260B	<5	5	ug/L	20041106
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,3-Trichloropropane	EPA Method 8260B	<5	5	ug/L	20041106
Isopropylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
Bromobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Propylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
2-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
4-Chlorotoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
tert-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
sec-Butlybenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,3-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,4-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
p-Isopropyltoluene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
n-Butylbenzene	EPA Method 8260B	<5	5	ug/L	20041106
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	5	ug/L	20041106
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Naphthalene	EPA Method 8260B	<5	5	ug/L	20041106
Hexachlorobutadiene	EPA Method 8260B	<20	20	ug/L	20041106
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	5	ug/L	20041106
Diesel Range Organic C8-C28	8015M, FID, Extractable	<5	5	mg/L	20041107
Oil Range Organic C28-C40	8015M, FID, Extractable	<10	10	mg/L	20041107
8270 BNA, Aqueous					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	68.0		Percent	20041111
2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	52.8		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	28.2		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	26.4		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	59.2		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	74.9		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	90.3		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	70.8		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Aq	<50	50	ug/L	20041111

AmeriSci Work Order #	20041100028	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

1,4-Dichlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dichlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dimethylphenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2,4-Dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chloronaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Chlorophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-MethylNaphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
2-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Nitrophenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
3-Nitroaniline	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
4-Chloroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
4-Nitroaniline	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
4-Nitrophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Acenapthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Acenaphthylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzidine	EPA 8270 B/N, AQ	<250	250	ug/L	20041111
Benzo(a)anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(a)pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Benzoic Acid	EPA 8270 B/N, AQ	360	250	ug/L	20041111
Benzyl Alcohol	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Bis-(2-Chloroethoxy)-methan	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Chrysene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-butylphthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Di-n-octyl phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Boston - Los Angeles - New York - Richmond
www.amerisci.com

Dibenzo(a,h)Anthracene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dibenzofuran	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Diethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Dimethyl Phthalate	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluoranthene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Fluorene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachlorobutadiene	EPA 8270 B/N, AQ	<100	100	ug/L	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Hexachloroethane	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Isophorone	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Naphthalene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Nitrobenzene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Pentachlorophenol	EPA 8270 Acid, AQ	<250	250	ug/L	20041111
Phenanthrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111
Phenol	EPA 8270 Acid, AQ	<50	50	ug/L	20041111
Pyrene	EPA 8270 B/N, AQ	<50	50	ug/L	20041111

Sample: 002 PCC-07-005-S5
Sampling Date: 20041105 Time: 5:49 Receive Date: 20041105 Time: 10:40
Matrix: SO

Parameter	Method	Results	PQL	Units	Analysis Date
pH, Soil or Solid	EPA Method 150.1/9045	10.3	0.10	Unit	20041109
Title 22 Metals, Solid					20041110
Silver, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Arsenic, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Barium, Solid	ICP, SW-846 Method 6010B	110	20	mg/kg	20041110
Beryllium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cadmium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Cobalt, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Chromium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Copper, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Mercury, Solid, Cold Vapor	AA, SW-846 Method 7471	<0.10	0.10	mg/kg	20041111
Molybdenum, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Nickel, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Lead, Solid	ICP, EPA SW-846 6010B	<20	20	mg/kg	20041110
Antimony, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Selenium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110
Thallium, Solid	ICP, SW-846 Method 6010B	<20	20	mg/kg	20041110

AmeriSci Work Order # 20041100028
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Vanadium, Solid	ICP, SW-846 Method 6010B	25	20	mg/kg	20041110
Zinc, Solid	ICP, SW-846 Method 6010B	290	20	mg/kg	20041110
Solid Extraction, HCL	SW-846, 3050	11/09/2004		DATE	20041110
Mercury solid prep	Mercury Solid Prep	11/10/2004		DATE	20041110
Chromium Hexavalent	EPA SW-846 7196A	<0.10	0.10	mg/kg	20041116
Oil & Grease, Gravimetric	EPA Method 1664, Solid	320	50	mg/kg	20041119
Diesel Range Organic C8-C28	8015M, FID, Extractable	<20	20	mg/kg	20041115
Oil Range Organic C28-C40	8015M, FID, Extractable	<50	50	mg/kg	20041115
Solid, 8260B/5030B					20041115
Dibromofluromethane (SU)	EPA Method 8260B	20		Percent	20041115
1,2-Dichloroethane (SU)	EPA Method 8260B	110		Percent	20041115
Toluene-d8 (SU)	EPA Method 8260B	98		Percent	20041115
Dichlorodifluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl chloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromomethane	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Chloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Trichlorofluoromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Acetone	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,1-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.25	0.25	mg/kg	20041115
Methylene chloride	EPA Method 8260B	<0.025	0.025	mg/kg	20041115
Freon 113	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon disulfide	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Vinyl acetate	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
Diisopropyl Ether (DIPE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Butanone-(MEK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chloroform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Carbon Tetrachloride	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Benzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromomethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115

Trichloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromodichloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chloroethylvinylether	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Methyl-2-pentanone (MIBK)	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Toluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Dibromochloromethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Hexanone	EPA Method 8260B	<0.02	0.02	mg/kg	20041115
Tetrachloroethene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Chlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Ethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
m,p-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromoform	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Styrene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
o-Xylene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Isopropylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Bromobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Propylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
2-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
4-Chlorotoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
tert-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
sec-Butlybenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
p-Isopropyltoluene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
n-Butylbenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Naphthalene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
Hexachlorobutadiene	EPA Method 8260B	<0.05	0.05	mg/kg	20041115
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	0.01	mg/kg	20041115
8270 BNA, Solid					20041111
2,4,6-Tribromophenol (Surr)	EPA 8270C, GC/MS	67.8		Percent	20041111

2-Chlorophenol-d4 (Surr)	EPA 8270C, GC/MS	76.1		Percent	20041111
2-Fluorophenol (Surr)	EPA 8270C, GC/MS	78.7		Percent	20041111
Phenol-d5 (Surr)	EPA 8270C, GC/MS	83.9		Percent	20041111
1,2-Dichlorobenzene-d4 (Su)	EPA 8270C, GC/MS	65.4		Percent	20041111
2-Fluorobiphenyl (Surr)	EPA 8270C, GC/MS	66.3		Percent	20041111
4-Terphenyl-d14 (Surr)	EPA 8270C, GC/MS	86.1		Percent	20041111
Nitrobenzene-d5 (Surr)	EPA 8270C, GC/MS	71.5		Percent	20041111
1,2,4-Trichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,2-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,3-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
1,4-Dichlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,4,5-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4,6-Trichlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dichlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dimethylphenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2,4-Dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
2,4-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2,6-Dinitrotoluene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chloronaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Chlorophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-MethylNaphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2-Methylphenol (o-Cresol)	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
2-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Nitrophenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
3,3'-Dichlorbenzidine	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
3-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
2-Methyl-4,6-dinitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
4-Bromophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
4-Chloro-3-methylphenol (p-	EPA 8270 Acid, Soil	<0.66	0.66	mg/Kg	20041111
4-Chloroaniline	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
2&4-Methylphenol(m&p-Cres	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
4-Nitroaniline	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
4-Nitrophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Acenaphthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Acenaphthylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzidine	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzo(a)anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(a)pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(b)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo (g,h,i) perylene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Benzo(k)fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order # 20041100028
Project Name: Caltrans
Client Project #: PCC Study / Analysis
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: Bryan A. Stirrat & Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Attention: Mr. Greg Acosta
Tel #: 909-860-7777
Fax #: 909-396-1768

Benzoic Acid	EPA 8270 B/N, Soil	<1.6	1.6	mg/Kg	20041111
Benzyl Alcohol	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Bis-(2-Chloroethoxy)methane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroethyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Chloroisopropyl)ether	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N, Soil	1.1	0.33	mg/Kg	20041111
Butyl Benzyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Chrysene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-butylphthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Di-n-octyl phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzo(a,h)Anthracene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dibenzofuran	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Diethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Dimethyl Phthalate	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluoranthene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Fluorene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Hexachlorobutadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachlorocyclopentadiene	EPA 8270 B/N, Soil	<0.66	0.66	mg/Kg	20041111
Hexachloroethane	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Isophorone	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitroso-di-n-propylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
N-Nitrosodiphenylamine	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Naphthalene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Nitrobenzene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Pentachlorophenol	EPA 8270 Acid, Soil	<1.6	1.6	mg/Kg	20041111
Phenanthrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111
Phenol	EPA 8270 Acid, Soil	<0.33	0.33	mg/Kg	20041111
Pyrene	EPA 8270 B/N, Soil	<0.33	0.33	mg/Kg	20041111

AmeriSci Work Order #	20041100028	Customer:	Bryan A. Stirrat & Associates
Project Name:	Caltrans		1360 Valley Vista Drive
Client Project #:	PCC Study / Analysis		Diamond Bar, CA 91765
Job Location:			
Project Manager:		Attention:	Mr. Greg Acosta
Project Tel #:		Tel #:	909-860-7777
Project Fax #:		Fax #:	909-396-1768

PQL = Minimum Practical Quantitation Limit.

Clifton J. Kiser, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.
This report shall not be reproduced, except in full, without the written approval of AmeriSci. No use of this report for promotional or advertising purpose is permitted without prior written AmeriSci approval.

PCC-07-005-L5.

AMERISCI

www.amerisci.com

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

AMERISCI JOB NO:

PAGE _____ OF _____

DUE DATE:

☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: B. A. S P Associates

ADDRESS: 1360 S. Valley Vista Dr Diamond Bar CA

PHONE: 909 860 7777 FAX 1: 909 860 5017 FAX 2:

CLIENT CONTACT: Cal trans Jan Water. EMAIL: dstrik@bas.com

PROJECT NAME: PCC Study. Caltrans PROJECT NUMBER: PROJECT STATE:

MATRIX: **A**-WATER **S**-SOIL/SOLIDS **SL**-SLUDGE **OIL**-OIL **CH**-CHIPS **WI**-WIPES **C**-CASSETTES **W**-WASTE **O**-OTHER

CONTAINER: **P**-PLASTIC **G**-GLASS **V**-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME AM	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	8260B, TPH-GRO	8270C, TPH-DRO/ORO	Cr+6, pH, TDS, Alkalinity	Oil & Grease	CAM 17 Metals	Solids / Soil	Notes:
	PCC-07-005-L5	A	40 ml	V	4	11/5	5:49	DMI				X						
	PCC 07-005-L5	A	1L	G	2								X					
	PCC 07 005-L5	A	1L	P	1									X				
	PCC 07-005 L5	A	1L	G	1										X			
	PCC 07-005-L5	A	250 ml	P	1											X		
	PCC-07-005-SA5	S	8 oz	G	1												X	Soil
	PCC-07-005-SB5	S	8 oz	G	1												X	Soil.

SAMPLED BY: (PRINT) DEVAL SHAH	DATE: 11/5/04	RECEIVED BY: (PRINT) Kateef McIntosh	DATE: 11/5/04
(SIGN) Deval Shah	TIME: 5:58 AM	(SIGN)	TIME: 9:05
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME: