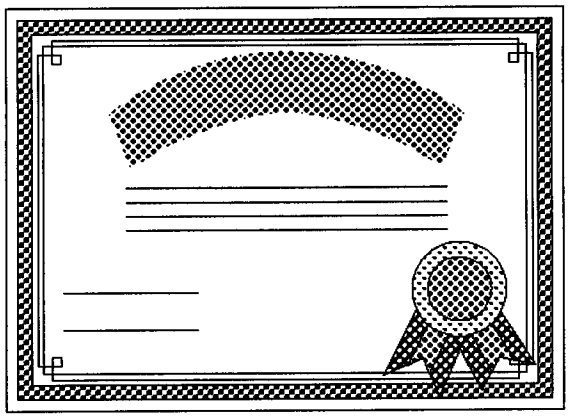
ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970



ORANGE COAST ANALYTICAL THANKS YOU FOR YOUR BUSINESS

THE FOLLOWING PAGES ARE THE ANALYSIS REPORT

ON THE SAMPLES YOU REQUESTED.

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT

PLEASE FEEL FREE TO CONTACT US.

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Integrated Environmental

Project No.:

Project Name: LAX-airport

Laboratory Reference: IES 10871

Analytical Method: 8260, 8270, 8015m, PCB's, Pesticides, Metals

Date Sampled: 05/07/99
Date Received: 05/07/99
Date Reported: 05/10/99

Sample Matrix: Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil,

Laboratory Reference #: IES 10871

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/10/99
Reported: 05/10/99

MOTOR OIL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99050065	LAX-S2	21
Detection Limit:		20

Analyte reported as N.D. was not present above the stated limit of detection

int m.n.

Orange Coast Analytical, Inc.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil,

Laboratory Reference #: IES 10871

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/10/99
Reported: 05/10/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	CLIENT SAMPLE NUMBER	SAMPLE RESULTS mg/kg
99050065	LAX-S2	N.D.
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection

int M.M.

Orange Coast Analytical, Inc.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil,

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/10/99
Reported: 05/10/99

Laboratory Reference #: IES 10871

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99050065	LAX-S2	N.D.
Detection Limit:		5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C14. Analyte reported as N.D. was not present above the stated limit of detections.

int m.n.

Orange Coast Analytical, Inc.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: ***LAX-airport***
Client Project #:

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/07/99
Reported: 05/10/99

Sample Description: Soil, LAX-S2
Laboratory Sample Number: 99050065
Laboratory Reference #: IES 10871

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

int m.n.

Orange Coast Analytical,Inc.

Integrated Environmental Services
Ms. Joann Ornelas
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Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil, LAX-S2

Laboratory Sample Number: 99050065

Laboratory Reference #: IES 10871

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/07/99
Reported: 05/10/99

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

int M.N.

Orange Coast Analytical,Inc.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil, LAX-S2
Laboratory Sample Number: 99050065
Laboratory Reference #: IES 10871

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/08/99
Reported: 05/10/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

int m.n.

Orange Coast Analytical, Inc.

Sample Description: Soil, LAX-S2
Laboratory Sample Number: 99050065
Laboratory Reference #: IES 10871

VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recoveries	%
Dibromofluoromethane	88
Toluene-d8	100
4-Bromofluorobenzene	89

int m.n.

Orange Coast Analytical, Inc.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: LAX-airport
Client Project #:

Sample Description: Soil, LAX-S2
Laboratory Sample Number: 99050065
Laboratory Reference #: IES 10871

Sampled: 05/07/99
Received: 05/07/99
Analyzed: 05/08/99
Reported: 05/10/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	500	N.D.
Benzoic Acid	65-85-0	100	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i)perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	N.D.
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

int _____

Orange Coast Analytical, Inc.

Sample Description: Soil, LAX-S2
Laboratory Sample Number: 99050065
Laboratory Reference #: IES 10871

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Integrated Environmental Services
Ms. Joann Ornelas
3990 Westerly Pl. Suite 210
Newport Beach, CA 92660

Client Project ID: ***LAX-airport***
Client Project #:

Sample Description: Soil, LAX-S2

Laboratory Sample Number: 99050065

Sampled: 05/07/99
Received: 05/07/99
Reported: 05/10/99

Laboratory Reference #: IES 10871

CCR - METALS

Analyte	*Analyzed*	*EPA Method*	*Detection Limit mg/kg*	*Analysis Results mg/kg*
Antimony	05/10/99	6010	5.0	N.D.
Arsenic	05/10/99	6010	1.0	3.3
Barium	05/10/99	6010	0.1	370
Beryllium	05/10/99	6010	0.1	0.70
Cadmium	05/10/99	6010	0.1	N.D.
Chromium (VI)	05/07/99	7196	0.5	N.D.
Chromium Total	05/10/99	6010	0.1	19
Cobalt	05/10/99	6010	0.5	13
Copper	05/10/99	6010	0.1	22
Lead	05/10/99	6010	1.0	7.7
Mercury	05/07/99	7471	0.1	N.D.
Molybdenum	05/10/99	6010	1.0	N.D.
Nickel	05/10/99	6010	0.5	17
Selenium	05/10/99	6010	1.0	N.D.
Silver	05/10/99	6010	0.1	N.D.
Thallium	05/10/99	6010	5.0	N.D.
Vanadium	05/10/99	6010	0.5	36
Zinc	05/10/99	6010	0.1	42

Analytes reported as N.D. were not present above the stated limit of detection.

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 05/07/99
Laboratory Sample No : 99050065
Laboratory Reference No : IES 10871

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	38	35	76	70	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 05/08/99
Laboratory Sample No : 99050069
Laboratory Reference No : IES 10871

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	49	46	98	92	6
1,1-Dichloroethene	0.0	50	48	47	96	94	2
Trichloroethene	0.0	50	51	47	102	94	8
Toluene	0.0	50	47	44	94	88	7
Chlorobenzene	0.0	50	50	47	100	94	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 05/08/99
Laboratory Sample No : 99050069
Laboratory Reference No : IES 10871

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	39	38	78	76	3
n-Nitroso-di-n-propylamine	0.0	50	41	40	82	80	2
1,2,4-Trichlorobenzene	0.0	50	40	38	80	76	5
Acenaphthene	0.0	50	40	38	80	76	5
Pyrene	0.0	50	44	45	88	90	2
Pentachlorophenol	0.0	100	77	71	77	71	8
4-Chloro-3-Methylphenol	0.0	100	85	82	85	82	4
2-Chlorophenol	0.0	100	78	76	78	76	3
Phenol	0.0	100	75	72	75	72	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 05/07/99
Laboratory Sample No : OCA200
Laboratory Reference No : IES 10871

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	170	160	68	64	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int M.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Laboratory Reference No : IES 10871

Analyte	Date Tested	QC Sample	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	05/10/99	99050065	0.00	10.0	9.53	9.5	95	95	0
Arsenic	05/10/99	99050065	0.07	10.0	9.96	9.9	99	98	1
Barium	05/10/99	99050065	7.46	5.00	12.1	12.1	93	93	0
Beryllium	05/10/99	99050065	0.01	1.00	1.07	1.06	106	105	1
Cadmium	05/10/99	99050065	0.00	1.00	1.07	1.06	107	106	1
Chromium (VI)	05/07/99	99050072	0.00	5.0	5.8	5.9	116	118	2
Chromium (Total)	05/10/99	99050065	0.38	1.00	1.36	1.36	98	98	0
Cobalt	05/10/99	99050065	0.25	1.00	1.22	1.22	97	97	0
Copper	05/10/99	99050065	0.44	1.00	1.52	1.51	108	107	1
Lead	05/10/99	99050065	0.15	5.00	4.65	4.61	90	89	1
Mercury	05/07/99	99050065	0.00	1.00	0.96	0.97	96	97	1
Molybdenum	05/10/99	99050065	0.00	5.00	4.99	4.93	100	99	1
Nickel	05/10/99	99050065	0.33	5.00	5.27	5.24	99	98	1
Selenium	05/10/99	99050065	0.00	10.0	10.1	9.97	101	100	1
Silver	05/10/99	99050065	0.00	5.00	5.19	5.18	104	104	0
Thallium	05/10/99	99050065	0.00	10.0	9.61	8.89	96	89	8
Vanadium	05/10/99	99050065	0.73	5.00	5.68	5.65	99	98	1
Zinc	05/10/99	99050065	0.85	1.00	1.82	1.81	97	96	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int M.M.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 05/10/99
Laboratory Sample No : 99050069
Laboratory Reference No : IES 10871

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	81	90	81	90	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Motor Oil (EPA 8015m)

Date of Analysis : 05/10/99
Laboratory Sample No : 99050071
Laboratory Reference No : IES 10871

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Motor Oil	0.0	100	139	142	139	142	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons

Date of Analysis : 05/10/99
Laboratory Sample No : 99050069
Laboratory Reference No : IES 10871

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	47	46	94	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

int _____

Orange Coast Analytical, Inc.

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(602) 736-0960 Fax (602) 736-0970

REQUIRED TAT: 24-hr TAT

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing c/o IESI	PROJECT NAME: LAX-airport
SEND REPORT TO: JoAnn Orselas	NUMBER:
ADDRESS: 3990 Westerly Place, 210 NB, CA 92660	LOCATION:
	ADDRESS:
PHONE: (949) 852-9050 FAX: (949) 852-9011	SAMPLED BY: Anderson Cheng

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOCs (8260)	SVOCs (8270)	TPH/Diesel (8015M)	Pest/PCBs (8080)	Metals (6010, 7196, 7470)				REMARKS/PRECAUTIONS
LAX-S2	2	5/7/99	0915	Soil	4-oz		X	X	X	X	X				fax results

Total No. of Samples: 1

Method of Shipment: Delivery

Relinquished By:	Date/Time:	Received By:	Date/Time:
Anderson Cheng	5/7/99: 12:17		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: M. Van Cowen	Date/Time: 5-7-99 12:17

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0111993