

Re 2501

2565 Mamarl Street  
San Leandro, CA 94577  
510/895-1600  
510/895-1400 Facsimile



Alameda County  
OCT 04 2006  
Environmental Health

# Fax

|                                                  |                              |
|--------------------------------------------------|------------------------------|
| <b>To:</b> Doug Herman                           | <b>From:</b> Peter Reynolds  |
| <b>Fax:</b> (510) 451-5916                       | <b>Pages:</b> 18 pages       |
| <b>Co:</b> Port of Oakland                       | <b>Date:</b> August 10, 2006 |
| <b>Re:</b> Estuary Cove Project - Soils Analysis | <b>CC:</b>                   |

Urgent     For Review     Please Comment     Please Reply     Please Recycle

Doug,

Here is the Analytical Report from Curtis & Tompkins prepared for ACC Environmental Consultants May 11, 2006. I'm told from this Report (I don't read 'environmental engineering') that the approximate 500 CY of dirt piles on site to be off-hauled are basically 'clean'.

Thank you for getting us a price to off-haul this dirt. I think some of the dirt can be spread out on site, but the majority of it must be taken off site. I'd guess maybe 400 CY need to go.

We do have another parking lot spec to spread all the dirt under the parking lot area, but we'd have to increase the thickness of the asphalt (AC) to accommodate the dirt. The current prices that are being quoted to us for the additional AC are basically astronomical considering the price of oil is going through the roof. Our only feasible alternative looks like getting rid of the 400 CY of dirt and sticking with the original AC spec, now under contract to the pave & grade sub.

Thanks...Potor.



Curtis & Tompkins, Ltd., Analytical Laboratories. Since 1878  
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**A N A L Y T I C A L   R E P O R T**

Prepared for:

ACC Environmental Consultants  
7977 Capwell Drive  
Suite 100  
Oakland, CA 94621

Date: 11-MAY-06  
Lab Job Number: 186610  
Project ID: STANDARD  
Location: 1211 Embarcadero

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis.

Reviewed by: *Anna K...*  
Project Manager

Reviewed by: *A. E. ...*  
Operations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

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## CASE NARRATIVE

Laboratory number: 185610  
Client: ACC Environmental Consultants  
Location: 1211 Embarcadero  
Request Date: 05/04/06  
Samples Received: 05/04/06

This hardcopy data package contains sample and QC results for one four point soil composite, requested for the above referenced project on 05/04/06. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

Polychlorinated Biphenyls (PCBs) (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for beryllium in the MS for batch 113171; the parent sample was not a project sample, and the BS/BSD were within limits. High RPD was observed for many analytes in the MS/MSD for batch 113171; the RPD was acceptable in the BS/BSD. Zinc was detected above the RL in the method blank for batch 113171; this analyte was detected in the sample at a level at least ten times that of the blank. No other analytical problems were encountered.



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| Total Extractable Hydrocarbons |                               |           |                  |
|--------------------------------|-------------------------------|-----------|------------------|
| Lab #:                         | 186610                        | Location: | 1211 Embarcadero |
| Client:                        | ACC Environmental Consultants | Prep:     | SHAKER TABLE     |
| Project#:                      | STANDARD                      | Analysis: | EPA 8015B        |
| Field ID:                      | SP1 (A-D)                     | Batch#:   | 113142           |
| Matrix:                        | Soil                          | Sampled:  | 05/03/06         |
| Units:                         | mg/Kg                         | Received: | 05/04/06         |
| Basis:                         | as received                   | Prepared: | 05/07/06         |

Type: SAMPLE Diln Fac: 3.000  
 Lab ID: 186610 001 Analyzed: 05/09/06

| Analyte        | Result | RL  |
|----------------|--------|-----|
| Diescl C10-C24 | 69 H Y | 3.0 |

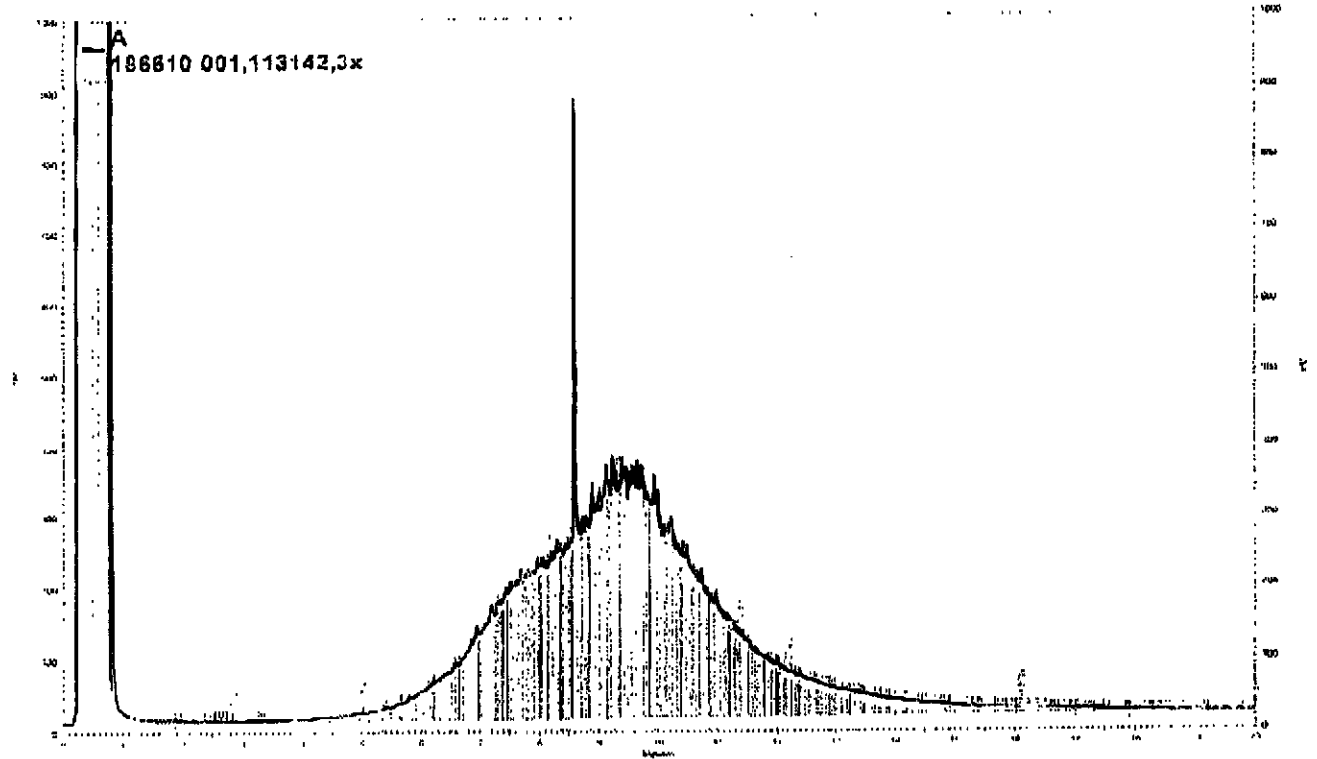
| Hexacosane | RL | Limit  |
|------------|----|--------|
|            | 89 | 48-130 |

Type: DLANK Analyzed: 05/00/06  
 Lab ID: QC338830 Cleanup Method: RPA 3630C  
 Diln Fac: 1.000

| Analyte        | Result | RL  |
|----------------|--------|-----|
| Diescl C10-C24 | ND     | 1.0 |

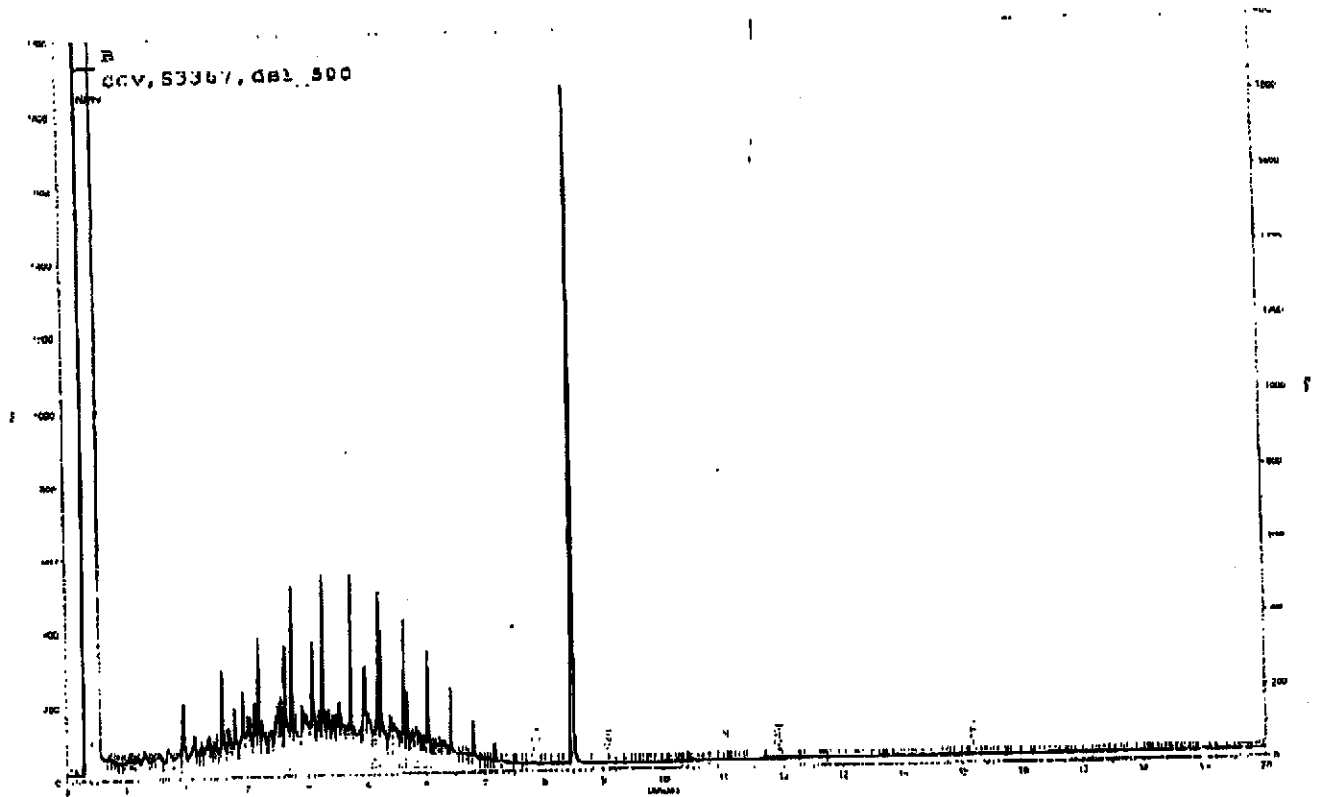
| Hexacosane | RL | Limit  |
|------------|----|--------|
|            | 93 | 48-130 |

H= Heavier hydrocarbons contributed to the quantitation  
 Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit  
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\\ims\drive\ezchrom\Projects\GC11A\Data\12Ba036. A

SPI(A-D)



\\Lima\drive\ezchrom\Projects\GC13B\Data\128b005.t

Diesel



Batch QC Report

| Total Extractable Hydrocarbons |                               |           |                  |
|--------------------------------|-------------------------------|-----------|------------------|
| Lab #:                         | 186610                        | Location: | 1211 Embarcadero |
| Client:                        | ACC Environmental Consultants | Prep:     | SHAKER TANK      |
| Project#:                      | STANDARD                      | Analysis: | EPA 8015B        |
| Type:                          | TCS                           | Diln Fac: | 1.000            |
| Lab ID:                        | QC338631                      | Batch#:   | 113142           |
| Matrix:                        | Soil                          | Prepared: | 05/07/06         |
| Units:                         | mg/Kg                         | Analyzed: | 05/08/06         |
| Basis:                         | as received                   |           |                  |

Cleanup Method: EPA 3630C

| Analyte        | Spiked | Result | EPA | Units  |
|----------------|--------|--------|-----|--------|
| Diesel C10-C24 | 49.68  | 41.54  | 90  | 59-133 |
| Surrogate      | AKC    | Limit  |     |        |
| Hexacosane     | 89     | 48-130 |     |        |



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Batch QC Report

| Total Extractable Hydrocarbons |                               |           |                  |
|--------------------------------|-------------------------------|-----------|------------------|
| Lab #:                         | 185610                        | Location: | 1211 Embarcadero |
| Client:                        | ACC Environmental Consultants | Prep:     | SHAKER TABLE     |
| Project#:                      | STANDARD                      | Analysis: | EPA 8015B        |
| Field ID:                      | 2222222222                    | Batch#:   | 113142           |
| MSS Lab ID:                    | 185468-018                    | Sampled:  | 04/26/06         |
| Matrix:                        | Soil                          | Received: | 04/28/06         |
| Units:                         | mg/Kg                         | Prepared: | 05/07/06         |
| Basis:                         | as received                   | Analyzed: | 05/08/06         |
| Diln Fac:                      | 1.000                         |           |                  |

Type: MS Cleanup Method: EPA 3630C  
 Lab ID: QC338832

| Analyte        | MSD Result | Spiked | Result | MSD | MSD    | MSD |
|----------------|------------|--------|--------|-----|--------|-----|
| Diesel C10-C24 | 19.64      | 49.90  | 53.87  | 69  | 37-153 |     |

| Substrate  | MSD | MSD    |
|------------|-----|--------|
| Hexacosane | 77  | 48-130 |

Type: MSD Cleanup Method: EPA 3630C  
 Lab ID: QC338833

| Analyte        | MSD Result | Spiked | Result | MSD    | MSD   | MSD |
|----------------|------------|--------|--------|--------|-------|-----|
| Diesel C10-C24 | 49.94      | 64.30  | 90     | 37-153 | 18-43 |     |

| Substrate  | MSD | MSD    |
|------------|-----|--------|
| Hexacosane | 74  | 48-130 |





| Polychlorinated Biphenyls (PCBs) |                               |           |                  |
|----------------------------------|-------------------------------|-----------|------------------|
| Lab #:                           | 186610                        | Location: | 1211 Embarcadero |
| Client:                          | ACC Environmental Consultants | Prep:     | EPA 3650B        |
| Project#:                        | STANDARD                      | Analysis: | EPA 8082         |
| Field ID:                        | SP1 (A-D)                     | Batch#:   | 113116           |
| Matrix:                          | Soil                          | Sampled:  | 05/03/06         |
| Units:                           | ug/Kg                         | Received: | 05/04/06         |
| Basis:                           | as received                   | Prepared: | 05/05/06         |
| Diln Fac:                        | 1.000                         | Analyzed: | 05/06/06         |

Type: SAMPLE Cleanup Method: EPA 3665A  
 Lab ID: 186610-001

| Analyte      | Result | RL  |
|--------------|--------|-----|
| Aroclor-1016 | ND     | 9.7 |
| Aroclor-1221 | ND     | 19  |
| Aroclor-1232 | ND     | 9.7 |
| Aroclor-1242 | ND     | 9.7 |
| Aroclor-1248 | ND     | 9.7 |
| Aroclor-1254 | ND     | 9.7 |
| Aroclor-1260 | 16     | 9.7 |

| Surrogate          | Conc. | Units  |
|--------------------|-------|--------|
| TCMX               | 110   | 61-140 |
| Decachlorobiphenyl | 69    | 50-155 |

Type: BLANK Cleanup Method: EPA 3665A  
 Lab ID: QC338734

| Analyte      | Result | RL  |
|--------------|--------|-----|
| Aroclor-1016 | ND     | 9.5 |
| Aroclor-1221 | ND     | 19  |
| Aroclor-1232 | ND     | 9.5 |
| Aroclor-1242 | ND     | 9.5 |
| Aroclor-1248 | ND     | 9.5 |
| Aroclor-1254 | ND     | 9.5 |
| Aroclor-1260 | ND     | 9.5 |

| Surrogate          | Conc. | Units  |
|--------------------|-------|--------|
| TCMX               | 114   | 61-140 |
| Decachlorobiphenyl | 142   | 50-155 |

ND= Not Detected  
 RL= Reporting Limit  
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Batch QC Report

| Polychlorinated Biphenyls (PCBs) |                               |           |                  |
|----------------------------------|-------------------------------|-----------|------------------|
| Lab #:                           | 186610                        | Location: | 1311 Embarcadero |
| Client:                          | ACC Environmental Consultants | Prep:     | EPA 3550B        |
| Project#:                        | STANDARD                      | Analysis: | EPA 8082         |
| Type:                            | LCS                           | Diln Fac: | 1.000            |
| Lab ID:                          | QC338740                      | Batch#:   | 113116           |
| Matrix:                          | Soil                          | Prepared: | 05/05/06         |
| Units:                           | ug/kg                         | Analyzed: | 05/06/06         |
| Basis:                           | as received                   |           |                  |

Cleanup Method: EPA 3665A

| Analyte      | Spiked | Recovery | RPV | Limit  |
|--------------|--------|----------|-----|--------|
| Aroclor-1016 | 167.8  | 180.6    | 108 | 68-146 |
| Aroclor-1260 | 167.8  | 211.2    | 126 | 70-152 |

| Surrogate          | QSC | Limit  |
|--------------------|-----|--------|
| TCMX               | 124 | 61-140 |
| Decachlorobiphenyl | 155 | 50-155 |



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| California Title 26 Metals            |                           |  |  |
|---------------------------------------|---------------------------|--|--|
| Lab #: 186610                         | Project#: STANDARD        |  |  |
| Client: ACC Environmental Consultants | Location: 1211 Babaradero |  |  |
| Field ID: SP1 (A-D)                   | Diln Fac: 1.000           |  |  |
| Lab ID: 186610-001                    | Sampled: 05/03/06         |  |  |
| Matrix: Soil                          | Received: 05/04/06        |  |  |
| Units: mg/Kg                          | Prepared: 05/08/06        |  |  |
| Basis: as received                    | Analyzed: 05/08/06        |  |  |

| Analyte    | Result | RL    | Batch# | Prep      | Analyte   |
|------------|--------|-------|--------|-----------|-----------|
| Antimony   | ND     | 3.0   | 113171 | EPA 3050B | EPA 6010B |
| Arsenic    | 4.0    | 0.25  | 113171 | EPA 3050B | EPA 6010B |
| Barium     | 74     | 0.50  | 113171 | EPA 3050B | EPA 6010B |
| Beryllium  | 0.24   | 0.10  | 113171 | EPA 3050B | EPA 6010B |
| Cadmium    | ND     | 0.25  | 113171 | EPA 3050B | EPA 6010B |
| Chromium   | 31     | 0.50  | 113171 | EPA 3050B | EPA 6010B |
| Cobalt     | 6.7    | 1.0   | 113171 | EPA 3050B | EPA 6010B |
| Copper     | 38     | 0.50  | 113171 | EPA 3050B | EPA 6010B |
| Lead       | 78     | 0.15  | 113171 | EPA 3050B | EPA 6010B |
| Mercury    | 0.096  | 0.020 | 113157 | METHOD    | EPA 7471A |
| Molybdenum | ND     | 1.0   | 113171 | EPA 3050B | EPA 6010B |
| Nickel     | 26     | 1.0   | 113171 | EPA 3050B | EPA 6010B |
| Selenium   | ND     | 0.25  | 113171 | EPA 3050B | EPA 6010B |
| Silver     | ND     | 0.25  | 113171 | EPA 3050B | EPA 6010B |
| Thallium   | ND     | 0.25  | 113171 | EPA 3050B | EPA 6010B |
| Vanadium   | 33     | 0.50  | 113171 | EPA 3050B | EPA 6010B |
| Zinc       | 74     | 1.0   | 113171 | EPA 3050B | EPA 6010B |

ND- Not Detected  
 RL- Reporting Limit  
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Batch QC Report

| CALIFORNIA TITLE 26 METALS |                               |           |                  |
|----------------------------|-------------------------------|-----------|------------------|
| Lab #:                     | 186610                        | Location: | 1211 Embarcadero |
| Client:                    | ACC Environmental Consultants | Prep:     | METHOD           |
| Project#:                  | STANDARD                      | Analysis: | MDA 7471A        |
| Analyte:                   | Mercury                       | Basia:    | as received      |
| Type:                      | BLANK                         | Diln Fac: | 1.000            |
| Lab ID:                    | QC330904                      | Batch#:   | 113157           |
| Matrix:                    | Soil                          | Prepared: | 05/08/06         |
| Units:                     | ug/Ky                         | Analyzed: | 05/08/06         |
| RESULTS                    |                               |           |                  |
|                            | ND                            | RD        | 0.030            |

ND- Not Detected  
 RL- Reporting Limit

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Batch QC Report

| California Title 26 Metals |                               |           |                  |
|----------------------------|-------------------------------|-----------|------------------|
| Lab #:                     | 186610                        | Location: | 1211 Embarcadero |
| Client:                    | ACC Environmental Consultants | Prep:     | EPA 3050B        |
| Project#:                  | STANDARD                      | Analysis: | EPA 6010B        |
| Type:                      | BLANK                         | Diln Fac: | 1.000            |
| Lab ID:                    | QC338969                      | Batch#:   | 110171           |
| Matrix:                    | Soil                          | Prepared: | 05/08/06         |
| Units:                     | mg/kg                         | Analyzed: | 05/08/06         |
| Basis:                     | as received                   |           |                  |

| Analyte    | Result | RL   |
|------------|--------|------|
| Antimony   | ND     | 3.0  |
| Arsenic    | ND     | 0.25 |
| Barium     | ND     | 0.50 |
| Beryllium  | ND     | 0.10 |
| Cadmium    | ND     | 0.25 |
| Chromium   | ND     | 0.50 |
| Cobalt     | ND     | 1.0  |
| Copper     | ND     | 0.50 |
| Lead       | ND     | 0.15 |
| Molybdenum | ND     | 1.0  |
| Nickel     | ND     | 1.0  |
| Selenium   | ND     | 0.25 |
| Silver     | ND     | 0.25 |
| Thallium   | ND     | 0.25 |
| Vanadium   | ND     | 0.50 |
| Zinc       | 1.5    | 1.0  |

ND- Not Detected  
 RL- Reporting Limit  
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2.0



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Batch QC Report

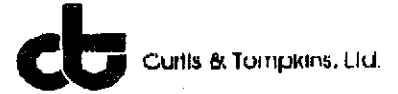
| California Table 26 Metals |                               |           |                  |
|----------------------------|-------------------------------|-----------|------------------|
| Lab #:                     | 186610                        | Location: | 1211 Embarcadero |
| Client:                    | ACC Environmental Consultants | Prep:     | METHOD           |
| Project#:                  | STANDARD                      | Analysis: | EPA 7471A        |
| Analyte:                   | Mercury                       | Diln Fac: | 1.000            |
| Matrix:                    | Soil                          | Batch#:   | 113157           |
| UNITS:                     | mg/Kg                         | Prepared: | 05/08/06         |
| Refr:                      | as received                   | Analyzed: | 05/08/06         |

| Type | Lab ID   | Spiked | Result | REQ | Sample | RPD | Lim |
|------|----------|--------|--------|-----|--------|-----|-----|
| BS   | QC338905 | 0.5000 | 0.5220 | 104 | 80-120 |     |     |
| DSD  | QC330906 | 0.5000 | 0.6190 | 104 | 80-120 | 1   | 20  |

RPD- Relative Percent Difference

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20.0



Batch QC Report

|                            |                               |           |                  |
|----------------------------|-------------------------------|-----------|------------------|
| California Title 26 Metals |                               |           |                  |
| Lab #:                     | 186610                        | Location: | 1211 Embarcadero |
| Client:                    | ACC Environmental Consultants | Prep.     | METHOD           |
| Project#:                  | STANDARD                      | Analysis: | EPA 7477A        |
| Analyte:                   | Mercury                       | Diln Fac: | 1.000            |
| Field ID:                  | ZZZZZZZZZZ                    | Batch#:   | 113157           |
| MSE Lab ID:                | 186622-00R                    | Sampled:  | 05/02/06         |
| Matrix:                    | Soil                          | Received: | 05/05/06         |
| Units:                     | mg/Kg                         | Prepared: | 05/08/06         |
| Basis:                     | as received                   | Analyzed: | 05/08/06         |

| Type | Lab ID   | MSE Result | Sp. Conc | Recovery | REC | Window | RPD | Lim |
|------|----------|------------|----------|----------|-----|--------|-----|-----|
| MS   | QC336907 | 0.2333     | 0.4167   | 0.6675   | 104 | 54-154 |     |     |
| MSP  | QC338908 |            | 0.4167   | 0.6400   | 98  | 54-154 | 4   | 2R  |

RPD= Relative Percent Difference

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11.0



Curtis & Tompkins, Ltd.

Batch QC Report

|                                       |                            |  |
|---------------------------------------|----------------------------|--|
| <b>California Title 26 Metals</b>     |                            |  |
| Lab #: 106610                         | Location: 1211 Embarcadero |  |
| Client: ACC Environmental Consultants | Prep: EPA 3050B            |  |
| Project#: STANDARD                    | Analysis: EPA 6010B        |  |
| Matrix: Soil                          | Batch#: 113171             |  |
| Units: mg/Kg                          | Prepared: 05/08/06         |  |
| Basis: as received                    | Analyzed: 05/08/06         |  |
| Dilu Fac: 1.000                       |                            |  |

Type: BS Lab ID: QC338970

| Analyte    | Spiked | Result | RPD | Limit  |
|------------|--------|--------|-----|--------|
| Antimony   | 100.0  | 99.15  | 99  | 80-120 |
| Arsenic    | 50.00  | 51.32  | 103 | 80-120 |
| Barium     | 100.0  | 99.41  | 99  | 80-120 |
| Beryllium  | 2.500  | 2.632  | 105 | 80-120 |
| Cadmium    | 10.00  | 10.09  | 101 | 80-120 |
| Chromium   | 100.0  | 99.99  | 99  | 80-120 |
| Cobalt     | 25.00  | 24.65  | 98  | 80-120 |
| Copper     | 12.50  | 12.24  | 98  | 80-120 |
| Lead       | 100.0  | 100.6  | 101 | 80-120 |
| Molybdenum | 20.00  | 20.37  | 102 | 80-120 |
| Nickel     | 25.00  | 24.30  | 97  | 80-120 |
| Selenium   | 50.00  | 51.39  | 103 | 80-120 |
| Silver     | 10.00  | 9.620  | 96  | 80-120 |
| Thallium   | 50.00  | 50.48  | 101 | 80-120 |
| Vanadium   | 25.00  | 24.82  | 99  | 80-120 |
| Zinc       | 25.00  | 26.30  | 105 | 80-120 |

Type: BSD Lab ID: QC338971

| Analyte    | Spiked | Result | RPD | Limit  | Rep | Chan |
|------------|--------|--------|-----|--------|-----|------|
| Antimony   | 100.0  | 97.38  | 97  | 80-120 | 2   | 20   |
| Arsenic    | 50.00  | 50.40  | 101 | 80-120 | 2   | 20   |
| Barium     | 100.0  | 94.43  | 95  | 80-120 | 4   | 20   |
| Beryllium  | 2.500  | 3.580  | 103 | 80-120 | 3   | 20   |
| Cadmium    | 10.00  | 9.917  | 99  | 80-120 | 2   | 20   |
| Chromium   | 100.0  | 96.19  | 96  | 80-120 | 3   | 20   |
| Cobalt     | 25.00  | 24.35  | 97  | 80-120 | 1   | 20   |
| Copper     | 12.50  | 11.93  | 95  | 80-120 | 3   | 20   |
| Lead       | 100.0  | 98.72  | 99  | 80-120 | 2   | 20   |
| Molybdenum | 20.00  | 19.72  | 99  | 80-120 | 3   | 20   |
| Nickel     | 25.00  | 23.74  | 95  | 80-120 | 4   | 20   |
| Selenium   | 50.00  | 49.53  | 99  | 80-120 | 4   | 20   |
| Silver     | 10.00  | 9.338  | 93  | 80-120 | 1   | 20   |
| Thallium   | 50.00  | 49.78  | 100 | 80-120 | 1   | 20   |
| Vanadium   | 25.00  | 24.10  | 97  | 80-120 | 3   | 20   |
| Zinc       | 25.00  | 25.03  | 100 | 80-120 | 5   | 20   |

RPD= Relative Percent Difference  
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Curtis & Tompkins, LLC

Batch QC Report

| California Title 26 Metals |                               |           |                  |
|----------------------------|-------------------------------|-----------|------------------|
| Lab #:                     | 186610                        | Location: | 1211 Embarcadero |
| Client:                    | ACC Environmental Consultants | Prep:     | EPA 3050B        |
| Project#:                  | STANDARD                      | Analysis: | EPA 6010B        |
| Field ID:                  | ZZZZZZZZZZ                    | Batch#:   | 113191           |
| MNS Lab ID:                | 186583-012                    | Sampled:  | 05/02/06         |
| Matrix:                    | Soil                          | Received: | 05/04/06         |
| Units:                     | mg/Kg                         | Prepared: | 05/08/06         |
| Basis:                     | as received                   | Analyzed: | 05/08/06         |
| Diln Fac:                  | 1.000                         |           |                  |

Type: MS Lab ID: QC118972

| Analyte    | MSD Result | Spiked | Result | RPC   | Limit  |
|------------|------------|--------|--------|-------|--------|
| Antimony   | 1.919      | 98.04  | 45.75  | 45    | 1-126  |
| Arsenic    | 5.795      | 49.02  | 61.07  | 113   | 74-120 |
| Barium     | 139.6      | 98.04  | 220.0  | 82    | 53-134 |
| Beryllium  | 0.7760     | 3.451  | 3.777  | 122 * | 78-120 |
| Cadmium    | <0.04148   | 9.804  | 11.05  | 113   | 71-120 |
| Chromium   | 16.49      | 98.04  | 128.5  | 114   | 64-120 |
| Cobalt     | 14.52      | 24.51  | 37.88  | 95    | 64-120 |
| Copper     | 9.891      | 12.25  | 26.12  | 132   | 46-139 |
| Lead       | 8.683      | 98.04  | 131.7  | 115   | 57-130 |
| Molybdenum | 0.4443     | 19.61  | 16.82  | 84    | 60-120 |
| Nickel     | 9.733      | 24.51  | 37.04  | 111   | 48-132 |
| Selenium   | <0.1244    | 49.02  | 54.89  | 112   | 72-120 |
| Silver     | <0.05264   | 9.804  | 10.56  | 108   | 67-120 |
| Thallium   | <0.05436   | 49.02  | 53.83  | 110   | 69-120 |
| Vanadium   | 72.05      | 24.51  | 93.67  | 86    | 55-134 |
| Zinc       | 48.88      | 24.51  | 80.40  | 129   | 46-133 |

Type: MSD Lab ID: QC338973

| Analyte    | Spiked | Result | RPC | Limit  | RPD | Lim  |
|------------|--------|--------|-----|--------|-----|------|
| Antimony   | 99.01  | 45.36  | 44  | 1-126  | 2   | 21   |
| Arsenic    | 49.50  | 48.81  | 87  | 74-120 | 33  | * 20 |
| Barium     | 99.01  | 215.9  | 77  | 53-134 | 2   | 20   |
| Beryllium  | 2.475  | 3.073  | 93  | 78-120 | 21  | * 20 |
| Cadmium    | 9.901  | 8.527  | 86  | 71-120 | 27  | * 20 |
| Chromium   | 99.01  | 103.0  | 87  | 64-120 | 23  | * 20 |
| Cobalt     | 24.75  | 32.16  | 71  | 64-120 | 17  | 20   |
| Copper     | 12.38  | 23.16  | 99  | 56-139 | 17  | 20   |
| Lead       | 99.01  | 96.15  | 88  | 57-120 | 24  | * 20 |
| Molybdenum | 19.80  | 16.91  | 83  | 68-120 | 0   | 20   |
| Nickel     | 24.75  | 30.74  | 85  | 48-132 | 19  | 20   |
| Selenium   | 49.50  | 42.33  | 85  | 72-120 | 27  | * 20 |
| Silver     | 9.201  | 7.952  | 80  | 67-120 | 29  | * 20 |
| Thallium   | 49.50  | 41.47  | 84  | 69-120 | 27  | * 20 |
| Vanadium   | 24.75  | 86.44  | 58  | 55-134 | 8   | 20   |
| Zinc       | 24.75  | 71.57  | 92  | 46-133 | 12  | 20   |

\* = Value outside of QC limits; see narrative  
 RPD: Relative Percent Difference  
 Page 1 of 1

# CHAIN OF CUSTODY

**Curtis & Tompkins, Ltd.**  
 Analytical Laboratory Since 1878  
 2323 Fifth Street  
 Berkeley, CA 94710  
 (510)486-0900 Phone  
 (510)486-C532 Fax

C&T LOGIN # 186610

## Analyses

Sampler: Dave DeMent (DED)

Project No: \_\_\_\_\_

Report To: Dave DeMent

Project Name: 1211 Embarcadero

Company: ACC Environmental

Project P.O.: \_\_\_\_\_

Telephone: (510) 638-8400 X109

Turnaround Time: NORMAL

Fax: (510) 638-8704

| Lab No. | Sample ID. | Sampling Date Time | Matrix |       |       | # of Containers | Preservative |                                |                  |     |
|---------|------------|--------------------|--------|-------|-------|-----------------|--------------|--------------------------------|------------------|-----|
|         |            |                    | Soil   | Water | Waste |                 | HCL          | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | ICE |
| -1      | SP1(A-D)   | 5/3/06 13:15       | X      |       |       | 4               |              |                                |                  | X   |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |
|         |            |                    |        |       |       |                 |              |                                |                  |     |

| TEPH | ROIS | CATION METALS | PCBS | COMPOSITE |
|------|------|---------------|------|-----------|
| X    |      | X             | X    | X         |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |
|      |      |               |      |           |

Notes: \_\_\_\_\_

RELINQUISHED BY:  
Dave DeMent 5/4/06  
 DATE/TIME

RECEIVED BY:  
[Signature] 5/4/06 13:10  
 DATE/TIME

Received Aug-10-06 11:47am From-5108951400 To-Port of Oakland-EMAS Page 018

H-RUM : HX NU : 5108951400 Aug. 10 2006 11:58AM P18

impact soil R's