QUALITY ASSURANCE PROJECT PLAN TRONOX LLC HENDERSON, NV FACILITY

Section: Appendix A Date: June 2009 Number: 04020-023-101 Revision: FINAL

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Appendix A

Correspondence

October 11, 2006

Ms. Susan Crowley Tronox LLC PO Box 55 Henderson, Nevada 89009

Re: Tronox LLC (TRX)

NDEP Facility ID #H-000539

Nevada Division of Environmental Protection Response to: *Quality Assurance Project Plan* (QAPP) dated August 2006 (received September 29, 2006)

Dear Ms. Crowley,

The NDEP has received and reviewed Tronox's report identified above and provides comments below.

- 1. Section A8.2, please note that NELAP accreditation is not a substitute for Nevada certification although NELAP accreditation is helpful is expediting the certification process.
- 2. Laboratory QA Manuals, Section A, please note that the laboratory QA manuals should be included as an appendix to the QAPP.
- 3. Filtering of Samples, Section B.2, filtering of aqueous samples is not discussed in Section B.2. SOP 7130-04020 states (Section 4.10), "If filtration is required ..." The QAPP should clarify if and when filtration will be performed.
- 4. Database Fields, Section B.10, Section B, page 8 specifies "At a minimum, the database will contain the following fields:" This list should also include the Reporting Limit, Dilution Factor, Qualifier(s) and Reason Code(s).
- 5. Data Validation, Section D, general comment, it is requested that when data are qualified due to spike recovery issues, including MS, surrogates, and LCS, that the qualifier include a direction of potential bias. Use of + and signs with the qualifier (e.g. J+) is required. It is also required that the data validation reports include summary tables that contain the <u>percent recovery</u> and <u>RPD</u> values for the applicable samples so that it is clear of the potential bias for each qualified sampled. For example, data qualified due to matrix spike issues should contain a percent recovery for the analyte that exceed the recovery criteria (low or high) and the associated sample to which this qualifier applies.

- 6. Data Validation, Section D.1.3, partial review should also include Chain-of-Custody items including sample integrity, and cooler/sample temperature.
- 7. Tables, general comment, a number of tables contain superscripts that appear to refer to a footnote, yet none of the footnotes are provided. Examples include Table A-2, page 10 of 24, reference to "(3)" and Table B-2, page 15 of 24, reference to "(1)."
- 8. Hexavalent Chromium Holding Time for Soils, Table B-1, page 13 of 24, the correct holding time for soils prepared via EPA Method 3060A for hexavalent chromium is 4 days from digestion to analysis. This specification is consistent with the discussion held with Tronox on 8/22/2006 and captured in the meeting minutes.
- 9. Radiochemical Analysis, Tables B-2, pages 16 and 17 of 24. Table B-2 lists two different types of radiochemical methods for Radium 226 and Radium 228. The aqueous methods that are listed include 903.1 (alpha) and 904.0 (beta), the listed soil methods are both 901.1/EML HASL 300 (gamma spectroscopy). Please clarify if the intent is to use different radiochemical analyses for the soil and aqueous samples. The alpha and beta methods are also listed in Table B-3. If gamma spectroscopy is planned the appropriate QC checks for the method should be provided in Table B-3.

The QAPP should be revised and resubmitted. It is expected that these comments will be addressed as part of the implementation of the Phase A Scope of Work and that the revision of the QAPP shall not delay the implementation of the Phase A Scope of Work. Please provide a revised QAPP as soon as possible. Please advise the NDEP when this revised document can be expected. If there are any questions please do not hesitate to contact me.

Sincerely,

Brian A. Rakvica, P.E. Supervisor Bureau of Corrective Actions Special Projects Branch NDEP-Las Vegas Office CC: Jim Najima, NDEP, BCA, Carson City

Jeff Johnson, NDEP, BCA, Carson City

Shannon Harbour, NDEP, BCA, Las Vegas

Todd Croft, NDEP, BCA, Las Vegas

Barry Conaty, Akin, Gump, Strauss, Hauer & Feld, L.L.P., 1333 New Hampshire Avenue, N.W., Washington, D.C. 20036

Brenda Pohlmann, City of Henderson, PO Box 95050, Henderson, NV 89009

Mitch Kaplan, U.S. Environmental Protection Agency, Region 9, mail code: WST-5, 75 Hawthorne Street, San Francisco, CA 94105-3901

Rob Mrowka, Clark County Comprehensive Planning, PO Box 551741, Las Vegas, NV, 89155-1741

Ranajit Sahu, BEC, 875 West Warm Springs Road, Henderson, Nevada 89015

Craig Wilkinson, TIMET, PO Box 2128, Henderson, Nevada, 89009-7003

Kirk Stowers, Broadbent & Associates, 8 West Pacific Avenue, Henderson, Nevada 89015

George Crouse, Syngenta Crop Protection, Inc., 410 Swing Road, Greensboro, NC 27409

Nick Pogoncheff, PES Environmental, 1682 Novato Blvd., Suite100, Novato, CA 94947

Lee Erickson, Stauffer Management Company, 1800 Concord Pike, Hanby 1, Wilmington, DE 19850-5437

Chris Sylvia, Pioneer Americas LLC, PO Box 86, Henderson, Nevada 89009

Paul Sundberg, Montrose Chemical Corporation, 3846 Estate Drive, Stockton, California 95209

Joe Kelly, Montrose Chemical Corporation of CA, 600 Ericksen Avenue NE, Suite 380, Bainbridge Island, WA 98110

David Gratson, Neptune and Company, 1505 15th Street, Suite B, Los Alamos, NM 87544

Attachment A Tronox Response to NDEP October 11, 2006 Comments on Quality Assurance Project Plan dated September 28, 2006

NDEP Comment

1 Section A8.2, please note that NELAP accreditation is not a substitute for Nevada certification although NELAP accreditation is helpful is expediting the certification process.

Response

The section will be revised to state, "In the absence of Nevada certification, National Environmental Laboratory Accreditation Program (NELAP) may be considered acceptable until Nevada offers certification for the parameter of interest. The laboratories must submit the necessary IDC and PE data to obtain certification from NDEP, Bureau of Water Quality Planning (BWQP) for all project parameters of interest and methods of interest that Nevada will certify."

Tronox has required that the laboratories performing sample analyses for the Henderson facility be either already certified in Nevada for each parameter/matrix combination or have submitted all the necessary IDC and PE data to obtain certification from BWQP, if the certification is available.

NDEP Comment

2 Laboratory QA Manuals, Section A, please note that the laboratory QA manuals should be included as an appendix to the QAPP.

Response

When final laboratory selection is made for each upcoming investigation the lab QA manuals will be included as an appendix to the QAPP on file at the time of sampling.

NDEP Comment

Filtering of Samples, Section B.2, filtering of aqueous samples is not discussed in Section B.2. SOP 7130-04020 states (Section 4.10), "If filtration is required ...". The QAPP should clarify if and when filtration will be performed.

Response

In general Tronox will not filter collected water samples, however if filtration is needed for specific sampling events Tronox will provide information in the project specific workplans about field filtration. For the Phase A Source Area Investigation Tronox plans to filter only the groundwater grab samples from the soil borings if the apparent turbidity is high. Both filtered and unfiltered samples will be collected for the analysis of metals and radionuclides. All other analyses of the soil boring groundwater grab samples will be performed on unfiltered samples. The monitor well water analyses will be performed on unfiltered samples.

NDEP Comment

Database Fields, Section B.10, Section B, page 8 specifies "At a minimum, the database will contain the following fields:" This list should also include the Reporting Limit, Dilution Factor, Qualifier(s) and Reason Code(s).

Response

These fields are included in the database and Tronox will add the field description to the QAPP.

NDEP Comment

Data Validation, Section D, general comment, it is requested that when data are qualified due to spike recovery issues, including MS, surrogates, and LCS, that the qualifier include a direction of potential bias. Use of + and – signs with the qualifier (e.g. J+) is required. It is also required that the data validation reports include summary tables that contain the <u>percent recovery</u> and <u>RPD</u> values for the applicable samples so that it is clear of the potential bias for each qualified sampled. For example, data qualified due to matrix spike issues should contain a percent recovery for the analyte that exceed the recovery criteria (low or high) and the associated sample to which this qualifier applies.

Response

When data are qualified by validators and a direction of potential bias is clear, based on results in the data set, then + or – signs will be added to indicate the possible bias. Summary tables with percent recovery and RPD data indicating the need for data qualification will be included with the data validation memos.

NDEP Comment

Data Validation, Section D.1.3, partial review should also include Chain-of-Custody items including sample integrity, and cooler/sample temperature.

Response

These items are included in the partial review and will be described in the QAPP.

NDEP Comment

Tables, general comment, a number of tables contain superscripts that appear to refer to a footnote, yet none of the footnotes are provided. Examples include Table A-2, page 10 of 24, reference to "(3)" and Table B-2, page 15 of 24, reference to "(1)."

Response

The superscripts and footnotes for the tables will be corrected.

NDEP Comment

8 Hexavalent Chromium Holding Time for Soils, Table B-1, page 13 of 24, the correct holding time for soils prepared via EPA Method 3060A for hexavalent chromium is 4 days from digestion to analysis. This specification is consistent with the discussion held with Tronox on 8/22/2006 and captured in the meeting minutes.

Response

The 7 day leachate holding time was derived form EPA 3060A Sec. 6.4, however the holding time will be changed to 4 days based on the meeting minutes cited above.

NDEP Comment

Radiochemical Analysis, Tables B-2, pages 16 and 17 of 24. Table B-2 lists two different types of radiochemical methods for Radium 226 and Radium 228. The aqueous methods that are listed include 903.1 (alpha) and 904.0 (beta), the listed soil methods are both 901.1/EML HASL 300 (gamma spectroscopy). Please clarify if the intent is to use different radiochemical analyses for the soil and aqueous samples. The alpha and beta methods are also listed in Table

B-3. If gamma spectroscopy is planned the appropriate QC checks for the method should be provided in Table B-3.

Response

Tables B-2 and B-3 will be adjusted to reflect Tronox's intent to require gamma spectroscopy for the analysis of Ra-226 and Ra-228 in soil and EPA 903.1 for Ra-226 and EPA Method 904.0 for Ra-228 in water. The laboratories performing the radiochemical analyses have advised us that the analysis of Ra-226 and Ra-228 in water by gamma spectroscopy is technically not appropriate and insufficiently sensitive to meet the project DQLs, respectively.

Meeting Minutes

Project: Tronox (TRX) **Location:** Conference Call

Time and Date: 9:30 AM, Thursday, April 02, 2009

In Attendance: NDEP – Brian Rakvica, Shannon Harbour

Neptune –Paul Black, Dave Gratson (for NDEP) Environmental Answers – Keith Bailey (for TRX) Crowley Environmental – Susan Crowley (for TRX)

AECOM –Robert Kennedy (for TRX)

Laboratory Data Consultants - Rich Amano (for TRX)

CC: Jim Najima

1. The meeting was held to discuss electronic data deliverable (EDD) and data validation (DV) questions.

- 2. Historically TRX (BMC) has reported non-detects for organics on the adjusted quantitation limit (QL) and inorganics based on an adjusted method detection limit (MDL). Note an MDL is a lower value than a OL.
- 3. TRX will need to provide adjusted QL and adjusted MDL in the DVSR database. The MDLs should be sample specific to account for items such as dilutions, and percent moisture (solid samples).
- 4. NDEP stated that non detects, both inorganic and organic, should be reported down to the sample specific MDL (SQL) in future reports. This is consistent with NDEP's Supplemental Guidance for Data Validation dated March 18, 2009
- 5. TRX agreed to use the terms SQL for sample specific MDL and PQL for sample specific QL but will provide explicit descriptions in the DVSRs as to how these are derived.
- 6. TRX stated that they were concerned about false positives with current rules. NDEP stated that profession judgment is allowed and should be used in the case of potential false positives.
- 7. NDEP stated that for risk assessment half the detection limit (DL) should be used in the case of NDs.
- 8. NDEP stated that these new validation rules for blanks do not apply for estimated detection limits (EDLs) for high resolution mass spectroscopy methods.
- 9. TRX's EDD for asbestos results should provide the raw fiber count in the results field and the asbestos sensitivity value in the sensitivity field. Fiber type is accounted for by chemical name as follows: total (both short and long) chrysotile, long chrysotile, total amphibole, long amphibole.
- 10. TRX stated that the field names in the Equis database could not be modified; however, the generated Access database files could have modified field names.
- 11. NDEP stated that the NDEP prefers the two sigma error for radionuclide results be based on the total error reported but that the two sigma error may also be based on the counting error only as long as it is clarified in the DVSR. Also, the DVSR should be clearly state if the error provided is not two sigma.
- 12. NDEP stated that there is a field specified for the minimal detectable activity (MDA) in the EDD design as discussed in the February 27, 2009 Guidance on Uniform Electronic Data Deliverables.

- 13. AECOM stated that the February 27, 2009 Guidance on Uniform Electronic Data Deliverables had not been reviewed. NDEP will provide this guidance to AECOM via email. **ACTION ITEM.** (NDEP noted that any comments to this Supplemental Guidance should be submitted to the NDEP by April 10, 2009.)
- 14. TRX stated that the contract between AECOM and TRX for future environmental services had not been finalized.
- 15. In response to TRX's concern with the rejection criteria for pesticide and Aroclor laboratory control sample (LCS) recovery actions and Internal Standards validation. NDEP clarified that professional judgment is allowed with proper justification and/or description in the DVSR.
- 16. TRX stated that a modified Quality Assurance Project Plan (QAPP) would be submitted by the end of the month. The modified QAPP would contain SOPs for Organic Acids and 1668 PCBs in addition to revisions on data validation based on this conference call.
- 17. NDEP requested that TRX incorporate the "stages" terms found in EPA's latest Superfund Guidance (EPA 540-R-08-005, Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use). TRX agreed to incorporate this language and to additionally provide a redline-strikeout version of the modified QAPP to expedite NDEP review
- 18. NDEP stated that the modifications to the QAPP should not delay field implementation of the Phase B Source Area Investigation.

June 1, 2009

Susan Crowley (Contractor) C/O Tronox LLC PO Box 55 Henderson, NV 89009

Re: Tronox LLC (TRX)

NDEP Facility ID #H-000539

Nevada Division of Environmental Protection (NDEP) Response to: Quality Assurance Project Plan, Tronox LLC Facility, Henderson, Nevada

Dated: May 26, 2009

Dear Ms. Crowley,

The NDEP has received and reviewed TRX's above-identified Quality Assurance Project Plan (QAPP) and provides comments in Attachment A. A revised QAPP or errata should be submitted based on the comments found in Attachment A. Please advise the NDEP by June 8, 2009 regarding the schedule for this resubmittal. TRX should additionally provide an annotated response-to-comments letter as part of the revised submittal.

Please contact the undersigned with any questions at sharbour@ndep.nv.gov or (702) 486-2850 extension 240.

Sincerely,

Shannon Harbour, P.E. Staff Engineer III Bureau of Corrective Actions Special Projects Branch NDEP-Las Vegas Office

Fax: 702-486-5733

SH:bar:sh

CC: Jim Najima, NDEP, BCA, Carson City

Brian Rakvica, NDEP, BCA, Las Vegas

Keith Bailey, Environmental Answers LLC, 3229 Persimmon Creek Drive, Edmond, OK 73013

Susan Crowley, Crowley Environmental LLC, 366 Esquina Dr, Henderson NV 89014

Mike Skromyda, Tronox LLC, PO Box 55, Henderson, NV 89009

Barry Conaty, Holland & Hart LLP, 975 F Street, N.W. Suite 900, Washington, D.C. 20004

Brenda Pohlmann, City of Henderson, PO Box 95050, Henderson, NV 89009

Mitch Kaplan, U.S. Environmental Protection Agency, Region 9, mail code: WST-5, 75 Hawthorne Street, San Francisco, CA 94105-3901

Ebrahim Juma, DAQEM, PO Box 551741, Las Vegas, NV, 89155-1741

Ranajit Sahu, BRC, 311 North Story Place, Alhambra, CA 91801

Rick Kellogg, BRC, 875 West Warm Springs, Henderson, NV 89011

Mark Paris, Landwell, 875 West Warm Springs, Henderson, NV 89011

Craig Wilkinson, TIMET, PO Box 2128, Henderson, Nevada, 89009-7003

Kirk Stowers, Broadbent & Associates, 8 West Pacific Avenue, Henderson, Nevada 89015

George Crouse, Syngenta Crop Protection, Inc., 410 Swing Road, Greensboro, NC 27409

Nick Pogoncheff, PES Environmental, 1682 Novato Blvd., Suite100, Novato, CA 94947

Lee Erickson, Stauffer Management Company, P.O. Box 18890, Golden, CO 80402

Michael Bellotti, Olin Corporation, 3855 North Ocoee Street, Suite 200, Cleveland, TN 37312

Curt Richards, Olin Corporation, 3855 North Ocoee Street, Suite 200, Cleveland, TN 37312

Paul Sundberg, Montrose Chemical Corporation, 10733 Wave Crest Court, Stockton, CA 95209

Joe Kelly, Montrose Chemical Corporation of CA, 600 Ericksen Avenue NE, Suite 380, Bainbridge Island, WA 98110

Dave Gratson, Neptune and Company, Inc., 1505 15th Street, Suite B, Los Alamos, NM 87544

Attachment A

- 1. Section A.1, page 1 of 14, 2nd paragraph, the reference to the Field Sampling and Analysis Plan (FSAP) should be updated. The Basic Remediation Company (BRC) Standard Operating Procedures (SOPs) have been periodically updated since then. TRX should also include a reference to the most current SOPs in Section E.
- 2. Section A.7.a, page 11 of 14, 5th paragraph, TRX should consider using collision cell ICP/MS (or another suitable method) for the metal analyses that are subject to interferences.
- 3. Section B.2.2, page 1 of 9, TRX states that field filtration may be required if the turbidity exceeds 10 NTU. TRX should review the BRC SOP-5: Water Sampling and Field Measurements and revise this section for consistency with this SOP.
- 4. Section B.4, table, page 5 or 9, PTS Laboratories are listed in this table; however, no Quality Assurance (QA) manual from this laboratory was provided in Appendix B. Please forward their QA Manual for review and inclusion in this QAPP or revise this Section accordingly.
- 5. Section E, reference NDEP 2009(e), TRX should note that this guidance has been updated with *Unification of Electronic Data Deliverables (EDD), NDEP-Required EDD Format* (NDEP guidance letter, May 20, 2009).
- 6. Figure A-1, TRX should provide an update to this organization chart Figure as follows:
 - a. Northgate Environmental Management, Inc. is providing project oversight for the environmental investigative activities and AECOM is no longer providing any services at the Site.
 - b. Susan Crowley is no longer directly employed by TRX.
- 7. Table A-1, Distribution List, NDEP has the following comments:
 - a. Todd Croft, NDEP, should be removed from the distribution list.
 - b. Joanna Otani-Fehling is incorrectly listed as associated with Neptune and Company.
- 8. Table B-1, pages 19-22 of 37, NDEP has the following comments:
 - a. General comment, this table appears to have two sections: soil sampling requirements and groundwater sampling requirements. Please revise this table to clarify this.
 - b. Page 19 of 37, the number "1" is used in two separate instances to reference a footnote. The first is for the "Container" heading (this footnote reference is on all four pages on the Table) and the second is for the preservative for hexavalent chromium. There are two number 1 footnotes listed on this Table: on page 20 and on page 22. Please revise this Table for clarity.
- 9. Table B-3, page 28 of 37, the Control Limits for Organic Acids Method Blanks uses the term MRL. It is likely this should this be replace with the term is PQL. If not, please justify why MRL is being used.

Tronox LLC (TRX) NDEP Facility ID #H-000539

Nevada Division of Environmental Protection (NDEP) Response to: Quality Assurance Project Plan, Tronox LLC Facility, Henderson, Nevada Dated: June 18, 2009

Response to Comments

Comment

1. Section A.1, page 1 of 14, 2nd paragraph, the reference to the Field Sampling and Analysis Plan (FSAP) should be updated. The Basic Remediation Company (BRC) Standard Operating Procedures (SOPs) have been periodically updated since then. TRX should also include a reference to the most current SOPs in Section E.

Response

1. The text in Section A.1, page 1 of 14 is amended to include the reference of the Revised Phase B Site Investigation Work Plan, (AECOM, December 2008), this document reference and the updated BRC SOPs dated December 2008 were added to Section E.0 Reference, page 1 of 3.

Comment

2. Section A.7.a, page 11 of 14, 5th paragraph, TRX should consider using collision cell ICP/MS (or another suitable method) for the metal analyses that are subject to interferences.

Response

2. We have reviewed the analytical benefits of ICP/MS collision cell technology to reduce the matrix interference during the groundwater analysis of arsenic and selenium. The text in Section A.7.3, page 11 of 14, 5th paragraph, is amended to reflect this change, along with the associated method reference note in Table B-2, the amended MDLs and PQLs in Table A-2, and the addition of Table A-2 note (No. 5).

Comment

3. Section B.2.2, page 1 of 9, TRX states that field filtration may be required if the turbidity exceeds 10 NTU. TRX should review the BRC SOP-5: Water Sampling and Field Measurements and revise this section for consistency with this SOP.

Response

3. The text in Section B.2.2, page 1 of 9 is amended to reflect the field filtration requirements as stated in the BRC SOP-5, as follows:

Soil, soil gas, and groundwater sampling procedures are discussed in Section 3.0 of the FSAP. SOPs are included as separate documents. Field filtration of water samples for metals and radiochemical analyses may be required on a work planspecific basis; however, in general routine groundwater samples will not be filtered prior to analysis. In general, field filtration is required when turbidity exceeds 10 nephelometric turbidity units (NTUs) indicating the presence of suspended sediment. As indicated in the FSAP for the Source Area investigation, both filtered and non-filtered samples will be collected for the groundwater grab samples because they are expected to be cloudy. Comparison of the filtered versus non-filtered analytical results will provide data relative to the effect of field filtering

Comment

4. Section B.4, table, page 5 or 9, PTS Laboratories are listed in this table; however, no Quality Assurance (QA) manual from this laboratory was provided in Appendix B. Please forward their QA Manual for review and inclusion in this QAPP or revise this Section accordingly.

<u>Response</u>

4. Appendix B is revised to include the Quality Assurance (QA) manual for PTS Laboratories, Inc..

Comment

5. Section E, reference NDEP 2009(e), TRX should note that this guidance has been updated with *Unification of Electronic Data Deliverables (EDD)*, *NDEP-Required EDD Format* (NDEP guidance letter, May 20, 2009).

Response

5. The updated NDEP Guidance document is amended to Section E, References and added to Appendix C.

Comment

6. Figure A-1, TRX should provide an update to this organization chart Figure as follows:

- a. Northgate Environmental Management, Inc. is providing project oversight for the environmental investigative activities and AECOM is no longer providing any services at the Site.
- b. Susan Crowley is no longer directly employed by TRX.

Response

6. The text in Section A.4.1, page 2 of 14 is amended to the reflect the current Tronox project organization, along with the revised Figure A-1, of the Northgate Project Team Organization Chart. The revised Section A.4.1 text is shown below.

Tronox Program Manager

The Tronox Program Managers, Susan Crowley and Dr. Keith Bailey are primarily responsible for project direction and decisions concerning technical issues and strategies, budget and schedule. Ms. Crowley is a Nevada-Certified Environmental Manager (CEM # 1428, expiring March 8, 2011) and is the person who serves as the primary point of contact for regulatory and environmental issues pertinent to the Site. She is located at the Tronox Henderson Facility. Her telephone number is (702) 651-2234. Ms. Crowley and Dr. Bailey will be supported by Tronox technical specialist Mr. Tom Reed (hydrogeologist).

Consultant Project Manager

AECOM's consultant project team withdrew from the Tronox Henderson project affect May, 15 2009. Northgate staff has replaced AECOM for the continuation of the Phase B Site Investigation. Figure A-1 presents the Northgate project team organization chart.

Comment

- 7. Table A-1, Distribution List, NDEP has the following comments:
 - a. Todd Croft, NDEP, should be removed from the distribution list.
 - b. Joanna Otani-Fehling is incorrectly listed as associated with Neptune and Company.

<u>Response</u>

7. The Distribution List, Table A-1, was amended by removing Todd Croft from the NDEP, amending Joanna to Joanne Otani-Fehling and removing her association with Neptune and Company.

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Comment

- 8. Table B-1, pages 19-22 of 37, NDEP has the following comments:
 - a. General comment, this table appears to have two sections: soil sampling requirements and groundwater sampling requirements. Please revise this table to clarify this.
 - b. Page 19 of 37, the number "1" is used in two separate instances to reference a footnote. The first is for the "Container" heading (this footnote reference is on all four pages on the Table) and the second is for the preservative for hexavalent chromium. There are two number 1 footnotes listed on this Table: on page 20 and on page 22. Please revise this Table for clarity.

Response

- 8. Table B-1, pages 19-22 of 37 are amended as follows:
 - a. The table is amended to show the associated matrices of aqueous or soil at the top of each page and the font size was enlarged for clarity.
 - b. The hexavalent chromium footnote on page 19 of 37 was amended to number "4" and all footnotes are located on the last page of Table B-1.

Comment

9. Table B-3, page 28 of 37, the Control Limits for Organic Acids - Method Blanks uses the term MRL. It is likely this should this be replace with the term is PQL. If not, please justify why MRL is being used.

<u>Response</u>

9. Table B-3, page 28 of 37, the Organic Acids, method blank reference to the MRL is amended to reflect the PQL.