

**AGREEMENT BETWEEN WASHINGTON STATE FERRIES AND THE
PUGET SOUND CLEAN AIR AGENCY FOR REIMBURSEMENT OF FUEL
TANK CLEANING COSTS**

This agreement is entered into between the **Puget Sound Clean Air Agency**, (hereinafter referred to as the "Agency"), a municipal corporation of the laws of the state of Washington, and **Washington State Ferries**, a division of the Washington State Department of Transportation (hereinafter referred to as "WSF"), 2901 Third Avenue, Suite 500, Seattle, WA 98121-3014.

I. RECITALS

WHEREAS, the Agency has been awarded a grant from the U.S. Department of Energy (DOE) to perform a study to develop biodiesel fuel specifications, fuel handling guidelines, a fuel test work plan, and to perform a biodiesel fuel test on WSF vessels; and

WHEREAS, the research phase of the study is nearly complete and the fuel tanks on the WSF test vessels need to be cleaned of residual diesel fuel and sediment before fueling the vessels with biodiesel blended fuels for the test; and

WHEREAS, the use of biodiesel blended fuels is known to reduce particulate matter and greenhouse gas emissions; and

WHEREAS, the Agency has identified reductions of emissions from marine vessels, as a priority to the region; and

WHEREAS, it is in the interest of WSF and the region to demonstrate that biodiesel blended fuels can be used in marine operations in the Pacific Northwest.

II. AGREEMENT

NOW, THEREFORE, WSF and the Agency agree as follows;

A. PURPOSE. The purpose of this Agreement is to establish procedures for the Agency to reimburse WSF for the cost of cleaning the fuel tanks on the M/V Issaquah, Tillikum, and Klahowya as per the tank cleaning procedures in Attachment 1.

B. TERM. This Agreement shall commence on December 1, 2007 and shall terminate June 30, 2008.

C. REIMBURSEMENT. WSF may apply for reimbursement from the Agency for the costs of cleaning the fuel tanks on the M/V Issaquah, Tillikum, and Klahowya, as described in this section.

1. The maximum amount paid by the Agency under this Agreement shall not exceed \$52,000. The funding for this Agreement is provided by the U.S. Department of Energy Grant DE-FG36-06GO86032 and is part of the Agency climate protection work plan for Fiscal Year 2008.
2. WSF may submit a request for reimbursement from the Agency for the cost of cleaning the fuel tanks on the M/V Issaquah, Tillikum, and Klahowya. WSF shall provide documentation supporting the reimbursement request, including invoices for purchasing fuel tank cleaning services.
3. The request for reimbursement shall be sent to the Agency's Manager of Finance and Purchasing. The request for reimbursement shall be submitted no later than ten (10) working days after the termination date of this Agreement.

D. HOLD HARMLESS/INDEMNIFICATION. To the extent legally permitted, each party shall indemnify and hold harmless the other party from and against any and all claims, actions, damages, liability, and expense, including, without limitation, reasonable attorney's fees, incurred as a result of such party's actions under this Agreement; provided that, if such claims, actions, damages, liability, or expense arise from concurrent negligence of two or more of the parties, including instances where this Agreement is subject to the provisions of RCW 4.24.115, then the obligation to indemnify under this Agreement shall be effective only to the extent of each party's own negligence. No party shall be required under this section to indemnify another for its sole negligence.

E. NOTICES. All notices hereunder may be delivered or mailed. If mailed, they shall be sent to the following respective addresses:

Tom Hudson
Puget Sound Clean Air Agency
1904 3rd Ave., Ste 105
Seattle, WA 98101

Director of Legal Services & Contracts
Washington State Ferries
2901 3rd Ave. Suite 500
Seattle, WA 98121-3014

Or to such other respective addresses as either party hereto may hereafter designate in writing.

III. GENERAL PROVISIONS

A. APPLICABLE LAW. This Agreement shall be governed by the laws of the state of Washington.

B. AMENDMENTS/MODIFICATIONS. This Agreement may be amended or modified only by written agreement of the parties.

C. **ENTIRE AGREEMENT.** This Agreement contains the entire agreement of the parties hereto and no representations, inducements, promises or agreements, oral or otherwise, between the parties not embodied herein shall be of any force or effect.

IN WITNESS HEREOF, the undersigned have, on the date set next to their signatures, executed this Agreement on behalf of the parties hereto.

**PUGET SOUND
CLEAN AIR AGENCY**

**WASHINGTON
STATE FERRIES**

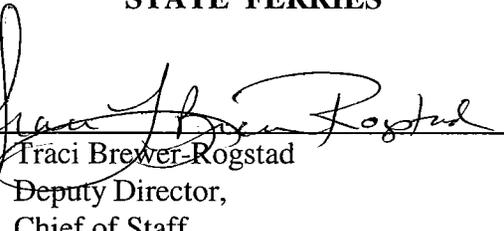
By:


~~Bill Evans~~ Paul Roberts
Board of Directors, Chair

Date:

2/6/08

By:


Traci Brewer Rogstad
Deputy Director,
Chief of Staff

Date:

1/28/08

Attest:

By:

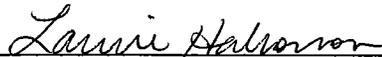

Dennis J. McLerran
Executive Director

Date:

2/1/08

Approved as to Form:

By:


Laurie Halvorson
General Counsel

Date:

1/31/08

WSF BIODIESEL DEMONSTRATION PROJECT

Tank Cleaning Procedure

PREPARED FOR: Puget Sound Clean Air Agency Seattle, WA		BY: Sean P. Ritchie PROJECT ENGINEER	
THE GLOSTEN ASSOCIATES 1201 Western Avenue, Suite 200, Seattle, Washington 98101-2921 TEL 206.624.7850 FAX 206.682.9117 www.glosten.com		CHECKED: David W. Larsen PROJECT MANAGER	
DOC:		APPROVED: Paul S. Smith PRINCIPAL-IN-CHARGE	
REV: -	FILE: 07070.01	DATE: 19 October 2007	

Appendices

- A. Alpha 3 Concentrated Cleaner, MSDS
- B. Zep Industrial Purple Cleaner and Degreaser, MSDS

Summary

A fuel storage tank cleaning procedure must be selected to ensure a successful introduction of biodiesel into the Washington State Ferry's fuel system. Biodiesel's tendency to absorb water and solvent properties make tank surface cleanliness especially important. This report summarizes the existing tank conditions and available cleaning procedures so an acceptable cleaning level can be identified.

Current Fuel Storage Tank Condition

The fuel storage tanks and fuel day tanks on all three vessels under consideration for this test program have uncoated mild steel fuel tanks. The tanks are original steel, and therefore at least 25 years old (*M/V Issaquah*) to 50 years old (*M/V Tillikum/Klahowya*). The tanks are said to be "dirtier than average" by Emerald Services (current cleaning contractor). Sediment coating the tank walls is described as "a combination of rust blooms and blackish slime". The cause of this contamination is believed to be a result of the following combination of effects:

- Age
- Slow fuel consumption rates (i.e. long dwell times for fuel in tanks)
- Intermittent batches of poor quality fuel
- No surface coating

Fuel Storage Tank Cleaning Procedures and Recommendations

The current cleaning procedure used onboard WSF vessels results in a small amount of moisture, sediment and possibly detergent residue in the tank. There is concern that moisture and any remnants of detergents used in the cleaning process may contribute to the formation of emulsions. The current cleaning procedure is described below, as well as a proposed cleaning procedure that should improve the cleanliness of tanks. It is hoped that laboratory experimentation will identify fuel quality sensitivity to moisture, sediment, scale and detergent residue in storage tanks, allowing us to refine the cleaning procedure before commencement of the trials.

At present, it is recommended that planning for the 2008 trial proceed on the basis of preparing one of the three test vessels using the proposed tank cleaning procedure. Current cleaning procedures should be used to prepare the other two vessels. This recommendation is made without regard to any budget constraints that may dictate otherwise. Brief descriptions of the current procedure and the proposed procedure follow.

Current WSF Tank Cleaning Procedure

1. Empty, open, and ventilate the tanks. Ensure that all fuel suction, fill, sounding and vent lines are completely drained back to the tank. Visually inspect fuel suction, fill, sounding and vent lines (if possible) for contamination. Secure all valves to and from the tank and tag out.
2. Have a marine chemist certify tanks safe for entry or establish the level of personal protective equipment (PPE) required for safe entry.
3. Cold water wash all surfaces with Alpha 3 cleaner additive (See Appendix A) at 1300 psi using hand wand. Vacuum wash water to a certified storage tank (i.e. Vac Truck) for eventual manifesting and disposal. Collect and remove any additional scale and sediments dislodged in the pressure washing process.
4. Surfaces remain damp with 99% of loose sediment removed. (estimated)

Proposed Biodiesel Tank Cleaning Procedure

1. Empty, open, and ventilate the tanks. Ensure that all fuel suction, fill, sounding and vent lines are completely drained back to the tank. Visually inspect fuel suction, fill, sounding and vent lines (if possible) for contamination. Secure all valves to and from the tank and tag out.
2. Have a marine chemist certify tanks safe for entry or establish the level of PPE required for safe entry.
3. If necessary, gross removal of scale and sediments using hand tools (tile scrapers, flat-nose shovels...) (aka: "hand mucking").
4. If not too dirty, high pressure, hot-water wash all tank surfaces at 3000 psi using hand wand. Pump or vacuum wash water to a certified storage tank (i.e. Vac Truck) for eventual manifesting and disposal. Collect and remove any additional scale and sediments dislodged in the pressure washing process.
5. If large quantities of sediment, scale or slime are found in the tanks, perform a preliminary wash with Zep Industrial Purple Cleaner and Degreaser, (see Appendix B) followed by multiple hot water washes.
6. Squeegee excess water from internal surfaces and remove from tank by pump or vacuum.
7. Wipe all surfaces down with lint-free rags wetted with B-100.
8. After final inspection for cleanliness, close tank and prepare to receive fuel.

All personnel inside "the hot zone" should be certified HAZWOPRs (29 CFR 1910.120).

Candidate Local Contractors

Washington State Ferries reports that it has a standing contract with Emerald Services for tank cleaning and disposal.

Appendix A
Alpha 3 Concentrated Cleaner, MSDS



333 Hollenbeck St.
 Rochester NY 14621
 Information: 585-336-2200

Emergency Phone:
 INFOTRAC: 1-800-535-5053
 OUTSIDE US: 1-352-323-3500

MATERIAL SAFETY DATA SHEET

REVISION DATE: 08/07/2001 REVISION NUMBER: 6
 DATE PRINTED: 08/01/2006 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **ALPHA 3, Concentrated Heavy Duty Cleaner**
 PRODUCT CODE: 117644

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0
 Reactivity: 0/0 Special/Protective Equipment: None/B

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Large amounts may cause irritation, nausea, diarrhea. Non-toxic.
 SKIN CONTACT: Causes mild skin irritation.
 INHALATION: Irritates mucous membranes.
 EYE CONTACT: Causes mild eye irritation.
 CHRONIC EFFECTS: None expected in normal use.
 EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
 ROUTES OF ENTRY: Inhalation. Eyes. Dermal - Skin. Oral.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Detergents MIXTURE	100	NA	NA

4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
 SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.
 INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
 EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
 NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
 METHOD: TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%): NA
 - UPPER (%): NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
 SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.
 SUITABLE EXTINGUISHING MEDIA: Product is mostly water and will not burn. As for surrounding fire.
 FIRE FIGHTING PROCEDURES: None.

ALPHA 3, Concentrated Heavy Duty Cleaner

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Flush with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

NA

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a dry location away from heat and direct sunlight.

OTHER PRECAUTIONS:

Keep out of reach of children.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None

RESPIRATORY PROTECTION:

None required.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Safety Glasses.

OTHER PERSONAL PROTECTION EQUIPMENT:

None required.

VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation. None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Lemon odor. Clear purple liquid.

BOILING POINT (F):

212 (C) NA

VAPOR PRESSURE:

As water

VAPOR DENSITY (AIR=1):

As water

SOLUBILITY IN WATER:

NA

SPECIFIC GRAVITY:

1.001 - 1.011

VOC Content (%):

0.8

VOV Content (%):

NE

EVAPORATION RATE:

As water

PH:

10.0 - 11.0

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Acrylic monomers

INCOMPATIBILITY (MATERIALS TO AVOID):

Contact with acids. Neutralizes active ingredients.

CONDITIONS/HAZARDS TO AVOID:

None.

ALPHA 3, Concentrated Heavy Duty Cleaner

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Detergents MIXTURE	100	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Detergents MIXTURE	100	Not Listed	Not Listed	Not Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

16. OTHER INFORMATION

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***

Appendix B
Zep Industrial Purple Cleaner and Degreaser, MSDS



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name MORADO SUPER CLEANER
Product Use Heavy Duty Cleaner
Product Code 0856
Date of issue 2/16/07 **Supersedes** 11/07/05
Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Printing date: 03/06/07

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM HYDROXIDE; caustic soda; soda lye	1310-73-2	<10	ACGIH / OSHA (United States). CELL: 2 mg/m ³
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	<10	ACGIH TLV (United States). Skin TWA: 20 ppm 8 hour(s). Form: Vapor OSHA PEL (United States). Skin TWA: 25 ppm 8 hour(s). Form: Vapor

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Inhalation. Ingestion.

Skin Causes skin burns. Harmful if absorbed through the skin.

Eyes Causes eye burns. Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach.

HMIS	
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Reactivity	0
Personal Protection	D, q

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. The substance may be toxic to blood, kidneys, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

Inhalation If excessive quantities inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, seek immediate medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

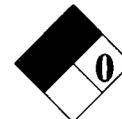
Section 5. Fire Fighting Measures

Flash Point Closed cup: Higher than 93.3°C (200°F). (Tagliabue.) **Flammable Limits** Not applicable.

Flammability Aqueous solutions are non-flammable.

Fire Hazard May emit toxic fumes under fire conditions.

Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus.

**Section 6. Accidental Release Measures**

Spill Clean up Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Do not get in eyes, on skin, or on clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing.

Storage Keep container tightly closed. Store away from incompatible materials. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection**

Eyes Chemical splash goggles and face shield.

Body Chemical resistant gloves. Recommended: Neoprene gloves. Nitrile gloves. Latex gloves. Chemical resistant apron. Boots.

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

Protective Clothing (Pictograms)**Section 9. Physical and Chemical Properties**

Physical State Liquid. (Clear to slightly hazy.) **Color** Purple.

pH 13.0-14.0 **Odor** Ethereal.

Boiling Point 98.9°C (210°F) **Vapor Pressure** Not determined.

Specific Gravity 1.06 (Water = 1) **Vapor Density** >1 (Air = 1)

Solubility Easily soluble in cold water, hot water. **Evaporation Rate** >1 compared to Water

VOC (Consumer) 42 (g/l). (3.98%. 0.35 lbs/gal)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive with oxidizing agents, metals, acids.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Dioxide, Carbon Monoxide and other organic materials..

Section 11. Toxicological Information

Toxicity to Animals **Ethylene Glycol Monobutyl Ether:**

ORAL (LD50): Acute: 1746 mg/kg [Rat].

DERMAL (LD50): Acute: 680 mg/kg [Rabbit].

VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)].

Sodium Hydroxide:

ORAL (LD50): Acute: 500 mg/kg [Rat].

DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - D002
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)**DOT Classification** Class 8: Corrosive liquid.**UN number** 3266

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Ethylene Glycol Monobutyl Ether (Glycol Ethers)

Clean Water Act (CWA) 311: Sodium Hydroxide (RQ 1000 lbs)

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

EPA Project Control Number

U.S. Environmental Protection Agency
Washington, D.C. 20460

**Certification Regarding
Debarment, Suspension and Other Responsibility Matters**

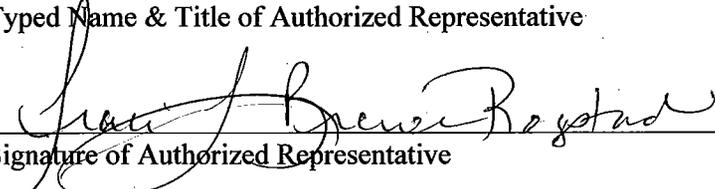
The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

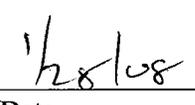
I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Traci Brewer-Rogstad, Deputy Director, Chief of Staff

Typed Name & Title of Authorized Representative



Signature of Authorized Representative



Date

I am unable to certify to the above statements. My explanation is attached.