

**APPENDIX B
PROPOSAL FORM**

Please fill out one form for each device proposed for inclusion in the Project. Use additional sheets of paper and attach designs, photos, etc. as appropriate. ALL SUBMISSIONS IN RESPONSE TO THIS PROPOSAL MUST BE IN ELECTRONIC FORM. Please submit with the References Form (Appendix C) to Janet Cox, jwcox@waterboards.ca.gov

Name of Proposing Company: REM Inc. (Revel Environmental Mfg. Inc.)

Address: 960 B Detroit Ave., Concord California 94518

Name of Device: TRITON Bioflex Curb Inlet Trash Guard

A. Type of device:

The TRITON Bioflex Curb Inlet Trash Guard (BFTG) catch basin filter insert is designed to meet the specifications defined as a “Full Capture System” by the SFRWCB. The filter captures 100% of trash, debris and other particles greater than 5mm. The TRITON BFTG series filter can be configured to include hydrocarbon capturing media as well.

B. Design diagrams or CAD file (attach)

Please see Appendix

B1 (Trash Guard for Curb Inlet Filters Spec Sheet)

B2 (Curb Inlet Media Combinations)

B3 (How Does Our Tech Work TRITON Curb Inlet)

A4 (Bioflex Material Spec Sheet)

B5 (REM - Curb Inlet INSTALLATION INSTRUCTIONS)

B6 (REM - Typical TRITON Curb Inlet Installation)

B9 (REM - Curb Inlet Installation Examples and Options)

B10 (REM - TRITON Bioflex Curb Inlet Trash Guards flow rates)

- C. Description of design elements that are 1) standard for all such devices, and 2) tailored to a specific location or catch basin/pipe design (attach extra sheets if needed)

The TRITON BFTG series filters are configured with REM's patented vertical cartridge system. The system treats flow laterally through a three dimensional media called Bioflex resulting in reduced occlusion and increased flow over a wider range of trash capture capacity.

The TRITON BFTG filter utilizes a scalable modular design allowing for maximum customization of trash capturing capacity and treatment flow for all curb inlet catch basin sizes, shapes and configurations. Please refer to Appendix B1 and B3 (How Does Our Tech Work and Spec Sheet), Appendix B6 (Typical TRITON Curb Inlet Installation Example) and Appendix B7 (Trash Guard Sizing Examples), for further information.

- D. Description of the site-specific measurements and other information a municipality must provide the vendor in order for the vendor to determine the appropriate size and configuration of the device for that location; or state whether price includes site-specific measurements by vendor (attach extra sheets if needed)

REM includes on-site consultation, catch basin measurement, and written estimate in support of the TRITON BFTG series filters purchase at no additional charge. REM shall gather the information necessary to configure a filter customized for maximum treatment performance. Municipalities may obtain preliminary filter information by completing the basic REM sizing guides provided in Appendix B7 (Sizing Guides for Curb Inlets).

- E. Flow or range of flows for which device is rated (in cubic feet per second)

Please refer to Appendix B1 for general spec sheet information and Appendix B10 for a matrix describing TRITON BFTG filter flow rate information.

- F. Photo(s) of installed device(s) (attach)

Please refer to Appendix B18 (TRITON Bioflex Trash Guard Curb Inlet Picture Page).

G. Materials used to construct the device (i.e.: stainless steel/grade, plastic, etc.)

TRITON BFTG Filters construction material:

- **Basin inserts are constructed using Non-reactive High Impact Polystyrene Plastic with added U.V. inhibitors.**
- **Removable cartridges are made with Type 304 Stainless Steel welded for 1.75" X 2" square openings.**
- **Filter basins are made from over 40% + recycled content.**
- **Bioflex is fabricated using polyester fiber mesh (netting), a blend of coir fibers, and water based latex (as the binding agent).**
- **Bioflex is biodegradable and may be re-used after cleaning.**
- **UV Resistance (ASTM D 4355 – 500 hour exposure)**
- **Tensile Properties (ASTM D 5035/ECTC).**
- **REM filters are “Made in the USA”.**

Please refer to Appendix A15 (Cert of Origin Declaration), B1 (Trash Guard for Curb Inlet Filters Spec Sheet) and A4 (Bioflex Material Spec Sheet) for further information.

H. Estimated design life of the device:

The TRITON BFTG filter estimated design life is in excess of 15 years based on O&M service performed by REM.

I. Customary length of time from receipt of order to delivery/installation of devices
REM delivers and installs TRITON BFTG filters within three weeks from receipt of an order. Timing may fluctuate depending on REM pipeline and quantity of filters ordered.

J. Confirm that price includes installation.

REM pricing includes installation. Please refer to Appendix A12 (Pricing).

- K. Description of vendor's installation process including consultation and review of device locations with municipal staff, traffic control during installation, and estimated time required to install each device (attach extra sheets if needed)

REM includes on-site consultations, catch basin measurement, and written estimates in support of the TRITON BFTG series filter purchase at no additional charge. Simply contact Marcel Sloane at (925) 676-4736 or marcel@remfilters.com to arrange consultation appointment. REM shall work with municipal personnel in identifying locations, measuring catch basins, establishing traffic control procedures, timing installation, and gathering permits as necessary to complete the specific project.

The installation process includes implementation of traffic control measures and of confined space operational safety procedures as necessary specifically for the project site. Grates and or manhole covers are removed and filters installed in the catch basin structure. After the installation is completed the operational area is restored to its original condition.

Filter installation should take no more than 40 minutes per catch basin sizes 3' thru 10', larger sized curb inlets will take longer (excluding traffic control measures). Most often the procedure takes less than 25 minutes.

For more details of different installation applications, please see Appendix B9 (Trash Guard Installation Examples and Options), B5 (Curb Inlet Installation Instructions) and B6 (Typical Curb Inlet Trash Guard Installation).

- L. Maintenance requirements (describe in detail how the device must be maintained and the approximate amount of time required for one cleaning or maintenance event; attach extra sheets if needed)

In order to insure proper operation, REM Inc. recommends that TRITON BFTG filters be serviced as described in Appendix A16 (O&M Requirements).

The filter cleaning process and Bioflex media replacement should take no more than 20 minutes per filter (Standard sizes 3' thru 10') excluding implementation of traffic control and confined space requirements as necessary specific to the project site.

REM offers economical, scalable and turnkey O&M programs that can be customized to address O&M requirements and available resources for any municipality. Please refer to an example of a "turnkey" O&M municipal program in Appendix A13 (O&M Service Program Example).

- M. Availability of replacement parts

TRITON BFTG filter replacement parts are available in stock at the REM warehouse located at 960B Detroit Ave, Concord, CA 94518. Parts are available within 24 to 48 hours of order receipt for shipment, delivery or will-call.

N. Life expectancy of the device (including materials)

REM estimates the life expectancy of the TRITON BFTG filter in excess of 15 years (based on O&M services performed by REM).

O. Warranty coverage and duration

The standard REM product warranty is for one year from the purchase date of the TRITON BFTG filter insert. See Appendix A14 (Product Warranty Page) for more details.

REM extends warranty coverage for an additional five years (six years total) when municipalities activate REM O&M programs. For an example of the REM turnkey O&M program including the complete scope of work performed please refer to Appendix A13 (O&M Service program Example), and Appendix A14 (Product Warranty).

P. Options and/or exclusions; alternate prices dependent on the scope of work at a specific location

REM's Service Program includes three site visits per year – once in the fall before the rainy season, once during the winter and once during the dry season.

Scope of work performed:

- **Remove and dispose of all captured debris and material in accordance with all laws and regulations. (Materials are disposed of at a Class II facility eliminating owner liability.)**
- **Vacuum and clean filters at each service visit.**
- **Inspect each filter for system operation.**
- **Replace and recharge spent Bioflex media as necessary. If applicable, spent “hydrocarbon” media shall be manifested and recycled through a Cal EPA approved recycle facility.**
- **Attach a bright yellow Dated Service Lock-out Tag to each catch basin after the service is completed.**
- **The “date” corresponds to a REM Service Compliance Report.**
- **Provide 3rd party Service Compliance Reports after each visit indicating the specific work that was performed, debris capacity of each filter, and any observed storm water compliance issues.**
- **REM archives all Compliance Reports to assist owner with regulatory inspections.**
- **REM warrants TRITON Filters an additional Five years beyond the standard one year product warranty at no additional charge.**

Turnkey REM O&M pricing may vary under certain circumstances including but not limited to agreements requiring prevailing wages.

Representative Name and Title:

Marcel Sloane, Regional Manager

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Authorized Signature: _____

Date: 1/25/2010