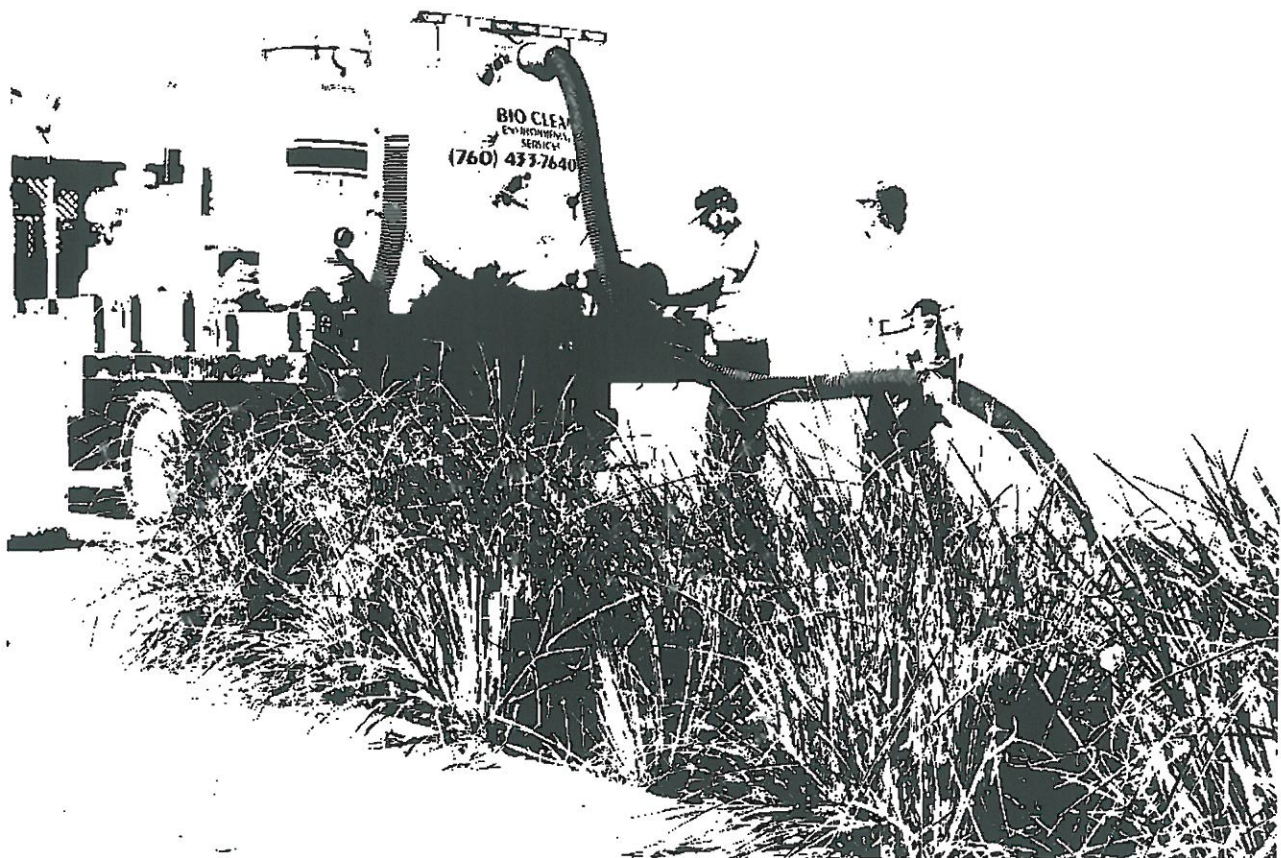




Maintenance Report



Modular Wetland System, Inc.

P. 760.433-7640

F. 760-433-3176

E. Info@modularwetlands.com

www.modularwetlands.com



Cleaning and Maintenance Report Modular Wetlands System



Project Name _____

Project Address _____ (city) (Zip Code)

Owner / Management Company _____

Contact _____

Phone () - _____

Inspector Name _____

Date ____ / ____ / ____ Time ____ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint

☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition _____

Additional Notes _____

For Office Use Only
(Reviewed By) _____
(Date) _____ Office personnel to complete section to the left.

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat: _____ Long: _____	MWS Catch Basins						
		MWS Sedimentation Basin						
		Media Filter Condition						
		Plant Condition						
		Drain Down Media Condition						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments:



Inspection Report Modular Wetlands System



Project Name Sheetz H 238 Ruckersville VA
Project Address 7020 Seminole Trail Ruckersville, VA 22968
(City) (Zip Code)

Owner / Management Company Sheetz

Contact Grant Gahagn

Inspector Name Anthony Westmoreland

Phone (814) 239-1433

Date 10.12.12

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny 70°

Additional Notes _____

For Office Use Only

(Reviewed By)

(Date)

Office personnel to complete section to the left.

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): Curb

Size (22', 14' or etc.): 2 - 14'

Structural Integrity:	Yes	No	Comments
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		✓	
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		✓	
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?		✓	
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?		✓	
Working Condition:			
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?	✓		Cleaned
Is there standing water in inappropriate areas after a dry period?	✓		Cleaned
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?	✓		Cleaned & replaced
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes specify which one in the comments section. Note depth of accumulation in pre-treatment chamber.		✓	Cleaned Depth 6"
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?	✓		Chamber 1 & 2 - replaced
Any signs of improper functioning in the discharge chamber? Note issues in comments section.		✓	
Other Inspection Items:			
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?	✓		Cleaned
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.	✓		
Is there a septic or foul odor coming from inside the system?		✓	

Waste:	Yes	No
Sediment / Silt / Clay	✓	
Trash / Bags / Bottles	✓	
Green Waste / Leaves / Foliage	✓	

Recommended Maintenance	
No Cleaning Needed	Performed
Schedule Maintenance as Planned	
Needs Immediate Maintenance	

Plant Information	
Damage to Plants	
Plant Replacement	
Plant Trimming	

Additional Notes: Removed 680 lbs of sediment & debris from filters. Replaced cartridge filters and hydrocarbon bag. Cleaned excess trash & debris from upstream catch basins.



Inspection Report Modular Wetlands System



Project Name **Sheetz #238 Ruckersville VA**

Project Address **7020 Seminole Trail, Ruckersville, Va**
(city) (Zip Code)

Owner / Management Company **Sheetz**

Contact **Grant Gahagan**

Phone **(814) 239-1433**

Inspector Name **Anthony Westmoreland**

Date **05 / 25 / 2013**

Time **09:30** AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm Storm Event in Last 72-hours? ☐ No ☒ Yes

Weather Condition **Sunny 78**

Additional Notes

For Office Use Only

(Reviewed By)

(Date)
Office personnel to complete section to the left.

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): **CURB** Size (22', 14' or etc.): **2 - 14'**

Structural Integrity:	Yes	No	Comments
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		<input checked="" type="checkbox"/>	
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		<input checked="" type="checkbox"/>	
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?		<input checked="" type="checkbox"/>	
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?		<input checked="" type="checkbox"/>	
Working Condition:			
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?	<input checked="" type="checkbox"/>		Cleaned
Is there standing water in inappropriate areas after a dry period?		<input checked="" type="checkbox"/>	
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?		<input checked="" type="checkbox"/>	
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes, specify which one in the comments section. Note depth of accumulation in in pre-treatment chamber.		<input checked="" type="checkbox"/>	Depth: 2"
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?		<input checked="" type="checkbox"/>	Chamber:
Any signs of improper functioning in the discharge chamber? Note issues in comments section.		<input checked="" type="checkbox"/>	
Other Inspection Items:			
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?		<input checked="" type="checkbox"/>	
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.	<input checked="" type="checkbox"/>		
Is there a septic or foul odor coming from inside the system?	<input checked="" type="checkbox"/>		Organic matter from landscaping is decomposing, removed as much as possible

Waste:	Yes	No
Sediment / Silt / Clay	<input checked="" type="checkbox"/>	
Trash / Bags / Bottles	<input checked="" type="checkbox"/>	
Green Waste / Leaves / Foliage	<input checked="" type="checkbox"/>	

Recommended Maintenance	
No Cleaning Needed	
Schedule Maintenance as Planned	<input checked="" type="checkbox"/>
Needs Immediate Maintenance	

Plant Information	
Damage to Plants	
Plant Replacement	
Plant Trimming	

Additional Notes:



Inspection Report Modular Wetlands System



Project Name <u>Sheets Unit 1 & 2</u>		For Office Use Only (Reviewed By) (Date) Office personnel to complete section to the left.
Project Address <u>Ruckersville VA 22968</u> (city) (Zip Code)		
Owner / Management Company _____		
Contact _____	Phone () - _____	
Inspector Name <u>Anthony Westmoreland</u>	Date <u>4, 26, 2012</u>	Time <u>10:22</u> AM / PM
Type of Inspection <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Follow Up <input type="checkbox"/> Complaint <input type="checkbox"/> Storm	Storm Event in Last 72-hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Weather Condition <u>Cloudy</u> <u>61°</u>	Additional Notes _____	

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): Curb Size (22', 14' or etc.): 14

Structural Integrity:	Yes	No	Comments
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		<input checked="" type="checkbox"/>	
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?		<input checked="" type="checkbox"/>	
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?		<input checked="" type="checkbox"/>	
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?		<input checked="" type="checkbox"/>	
Working Condition:			
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?	<input checked="" type="checkbox"/>		<u>Clear</u>
Is there standing water in inappropriate areas after a dry period?	<input checked="" type="checkbox"/>		<u>Clear</u>
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?	<input checked="" type="checkbox"/>		<u>Clear</u>
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes specify which one in the comments section. Note depth of accumulation in pre-treatment chamber.		<input checked="" type="checkbox"/>	Depth: <u>6"</u>
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?	<input checked="" type="checkbox"/>		Chamber: <u>P&C treat. ment</u>
Any signs of improper functioning in the discharge chamber? Note issues in comments section.		<input checked="" type="checkbox"/>	
Other Inspection Items:			
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?	<input checked="" type="checkbox"/>		<u>Blown through track</u>
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.		<input checked="" type="checkbox"/>	
Is there a septic or foul odor coming from inside the system?		<input checked="" type="checkbox"/>	

Waste:	Yes	No
Sediment / Silt / Clay	<input checked="" type="checkbox"/>	
Trash / Bags / Bottles	<input checked="" type="checkbox"/>	
Green Waste / Leaves / Foliage		<input checked="" type="checkbox"/>

Recommended Maintenance	
No Cleaning Needed	
Schedule Maintenance as Planned	
Needs Immediate Maintenance	<input checked="" type="checkbox"/>

Plant Information	
Damage to Plants	
Plant Replacement	<input checked="" type="checkbox"/>
Plant Trimming	

Additional Notes: Unit has heavy debris accumulation and is in plot area prone to heavy sediment & hydrocarbon loading. Needs immediate cleaning & filter replacement



Modular Wetland System Cleaning & Maintenance Report

Customer:	<i>Ben's Recycling Center</i>		Date:	<i>August 5, 2011</i>		
	<i>395 Via Del Monte</i>					
	<i>Oceanside, CA 92058</i>					
Contact:	<i>Ben</i>		<i>310-405-2061</i>			
POLLUTANT DATA TABLE						
Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
1	<i>Catch Basin Filter</i>	15	1	5	21	<i>Poor / Replaced</i>
	<i>Sedimentation Basin</i>	20	0	0	20	<i>N/A</i>
	<i>Media Filter</i>	<i>Poor / Replaced BioMediaGreen</i>				
	<i>Condition of Plants</i>	<i>N/A</i>				
	<i>Discharged Chamber</i>	<i>N/A</i>				
Comments:						



Cleaning and Maintenance Report Modular Wetlands System



Project Name Ben's Recycling Center

Project Address 395 Via Del Monte Oceanside 92058
(city) (Zip Code)

Owner / Management Company Ben's Recycling Center

Contact Ben

Phone (310) 415 - 2061

Inspector Name Shawn Hill / Jesse Habig

Date 9 / 4 / 2012 Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes Full Clean & Media Replacement

For Office Use Only

(Reviewed By)

(Date)
Office personnel to complete section to the left.

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
1	Lat: Long:	MWS Catch Basins	10	3	40	53	20%	Yes
		MWS Sedimentation Basin	1	0	60	61	N/A	N/A
		Media Filter Condition	30% - Replaced BioMediaGreen					
		Plant Condition	N/A					
		Drain Down Media Condition	N/A					
		Discharge Chamber Condition	N/A					
		Drain Down Pipe Condition	N/A					
		Inlet and Outlet Pipe Condition	N/A					

Comments:



Cleaning and Maintenance Report Modular Wetlands System



Project Name **Ben's Recycling**

Project Address **395 Via Del Monte**

Oceanside 92058

(city) (Zip Code)

Owner / Management Company **Ben's Recycling**

Contact **Ben or Dan Kwak**

Phone (**760**) **967** - **575**

Inspector Name **Gerren, Marcus, Shawn**

Date **7 / 3 / 2013**

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition **Cloudy**

Additional Notes **FULL CLEAN**

For Office Use Only

Abby

(Reviewed By)

7/8/2013

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Grate Type

Size/Model #:

Perimeter Cartridge

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufacturers' Specifications (If not, why?)
	Lat:	MWS Catch Basin Filter(s)	5	10	60	75	75% Replaced	Yes
	Long:	MWS Sedimentation Chamber	0	0	50	50	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Plant Condition	N/A					
		Wetland Chamber Media Condition (Shale)	N/A					
		Drain Down Media Condition (BioMediaGREEN)	N/A					
		Discharge Chamber Condition	N/A					
		Drain Down Pipe Condition	N/A					
		Inlet and Outlet Pipe Condition	Good					

Comments:

Service Scheduled for July 2014



Cleaning and Maintenance Report Modular Wetlands System



Project Name Ben's Recycling

Project Address 395 Via Del Monte Oceanside 92058

(city) (Zip Code)

Owner / Management Company Ben's Recycling

Contact Ben or Dan Kwak

Phone (760) 967 - 575

Inspector Name _____

Date ____ / ____ / ____ Time ____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition _____

Additional Notes **FULL CLEAN**

For Office Use Only

(Reviewed By)

(Date)
Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Grate Type

Size/Model #:

Perimeter Cartridge

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufacturers' Specifications (If not, why?)
	Lat: _____ Long: _____	MWS Catch Basin Filter(s)				0		
		MWS Sedimentation Chamber				0	N/A	
		Cartridge Filter Media Condition (BioMediaGREEN)						
		Plant Condition						
		Wetland Chamber Media Condition (Shale)						
		Drain Down Media Condition (BioMediaGREEN)						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments:



Modular Wetland System Cleaning & Maintenance Report

Customer:	<i>Ben's Recycling Center</i>		Date:	<i>August 30, 2010</i>		
	<i>395 Via Del Monte</i>					
	<i>Oceanside, CA 92058</i>					
Contact:	<i>Ben</i>		<i>310-405-2061</i>			
POLLUTANT DATA TABLE						
Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
1	<i>Catch Basin Filter</i>	58	5	2	65	<i>Poor / Replaced</i>
	<i>Sedimentation Basin</i>	345	0	0	345	<i>N/A</i>
	<i>Cartridge Filter</i>	<i>Poor / Replaced BioMediaGreen</i>				
	<i>Condition of Plants</i>	<i>N/A</i>				
	<i>Discharged Chamber</i>	<i>N/A</i>				
Comments:						



Modular Wetland System Cleaning & Maintenance Report

Customer:	<i>City of Chula Vista</i>		Date:	<i>November 10, 2010</i>		
	<i>Broadway Ave.</i>					
	<i>Chula Vista, CA</i>					
Contact:	<i>Don Bergeson</i>		<i>619-207-8527</i>			
POLLUTANT DATA TABLE						
Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
<i>Broadway & C Street</i>	<i>Catch Basin Filter</i>	<i>25</i>	<i>10</i>	<i>10</i>	<i>45</i>	<i>Poor / Replaced</i>
	<i>Sedimentation Basin</i>	<i>40</i>	<i>0</i>	<i>0</i>	<i>40</i>	<i>N/A</i>
	<i>Cartridge Filter</i>	<i>Poor / Replaced BioMediaGreen</i>				
	<i>Condition of Plants</i>	<i>N/A</i>				
	<i>Discharged Chamber</i>	<i>Fair / Replaced</i>				
	<i>Drain Down Pipe</i>	<i>Sedimentation Basin has no standing water. Drain Down Pipe is functioning perfectly. No action is required.</i>				
Comments:						



Cleaning and Maintenance Report Modular Wetlands System

Project Name City of Chula Vista

Project Address Broadway & C Street Chula Vista 91950
(city) (Zip Code)

Owner / Management Company City of Chula Vista

Contact Mark Sanchez

Phone (**619**) **616** - **1445**

Inspector Name Shawn / Jesse

Date 4 / 18 / 2012 Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes Full Clean & Media Replacement

For Office Use Only

Abby

(Reviewed By)

4/23/2012

(Date)

Office personnel to complete section to the left

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat:	MWS Catch Basins	12	18	70	100	75% Replaced	Yes
	Long:							
		MWS Sedimentation Basin	15	50	550	615	N/A	Yes
		Media Filter Condition (Cartridge)	Poor - Replaced BioMediaGreen					
		Plant Condition	N/A					
		Drain Down Media Condition	Fair - Replaced BioMediaGreen					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments:



Cleaning and Maintenance Report Modular Wetlands System



Project Name City of Chula Vista - MWS Inspection

Project Address Broadway & C St. (BMP ID 19362)

Chula Vista

(city) (Zip Code)

Owner / Management Company City of Chula Vista - Stormwater

Contact Mark Sanchez / Lindsey Walters: 619-397-6067

Phone (619) 616 - 1455 (cell)

Inspector Name Gerren & Marcus

Date 9 / 26 / 2013 Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes **BMP ID: 19362**

For Office Use Only

Maureen

(Reviewed By)

10/7/2013

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault): Underground Curb Size/Model #: MWS-L-21'

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat: _____ Long: _____	MWS Catch Basin Filter(s)	10	5	30	45	75% Replaced	Yes
		MWS Sedimentation Chamber	0	0	100	100	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Plant Condition	N/A					
		Wetland Chamber Media Condition (Shale)	Good					
		Drain Down Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments: **Full Cleaning & Media Replacement; filter is 40% and 1" of sediment in pre-treatment chamber.**



Modular Wetland System Cleaning & Maintenance Report

Customer: <i>City of Chula Vista</i>		Date: <i>November 10, 2010</i>				
<i>Broadway Ave.</i>						
<i>Chula Vista, CA</i>						
Contact: <i>Don Bergeson</i>		<i>619-207-8527</i>				
POLLUTANT DATA TABLE						
Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
<i>Broadway & D Streets</i>	<i>Catch Basin Filter</i>	<i>40</i>	<i>3</i>	<i>65</i>	<i>108</i>	<i>Poor / Replaced</i>
	<i>Sedimentation Basin</i>	<i>70</i>	<i>0</i>	<i>100</i>	<i>170</i>	<i>N/A</i>
	<i>Cartridge Filter</i>	<i>Poor / Replaced</i>				
	<i>Condition of Plants</i>	<i>N/A</i>				
	<i>Discharged Chamber</i>	<i>Fair / Replaced</i>				
	<i>Drain Down Pipe</i>	<i>Sedimentation Basin has no standing water. Drain Down Pipe is functioning perfectly. No action is required.</i>				
Comments:						



Cleaning and Maintenance Report Modular Wetlands System

Project Name City of Chula Vista

Project Address Broadway & D Street Chula Vista 91950
(city) (Zip Code)

Owner / Management Company City of Chula Vista

Contact Mark Sanchez

Phone (**619**) **616** - **1445**

Inspector Name Shawn / Jesse

Date 4 / 18 / 2012 Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes Full Clean & Media Replacement

For Office Use Only

Abby

(Reviewed By)

4/23/2012

(Date)

Office personnel to complete section to the left.

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufacturers' Specifications (If not, why?)
	Lat:	MWS Catch Basins	5	5	70	80	75% Replaced	Yes
	Long:							
		MWS Sedimentation Basin	15	45	450	510	N/A	Yes
		Media Filter Condition (Cartridge)	Poor - Replaced BioMediaGreen					
		Plant Condition	N/A					
		Drain Down Media Condition	Good					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Fair - Cleaned					
		Inlet and Outlet Pipe Condition	Good					

Comments:



Cleaning and Maintenance Report Modular Wetlands System



Project Name City of Chula Vista - MWS Inspection

Project Address Broadway & D St. (BMP ID 19361)

Chula Vista

(city) (Zip Code)

Owner / Management Company City of Chula Vista - Stormwater

Contact Mark Sanchez / Lindsey Walters: 619-397-6067

Phone (619) 616 – 1455 (cell)

Inspector Name Gerren & Marcus

Date 9 / 26 / 2013

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes **BMP ID: 19361**

For Office Use Only

Maureen

(Reviewed By)

10/7/2013

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Underground Curb

Size/Model #:

MWS-L-21'

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat:	MWS Catch Basin Filter(s)	10	5	30	45	75% Replaced	Yes
	Long:							
		MWS Sedimentation Chamber	0	0	70	70	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Plant Condition	N/A					
		Wetland Chamber Media Condition (Shale)	Good					
		Drain Down Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments: **Full Cleaning & Media Replacement; filter is 30% and 1" of sediment in pre-treatment chamber.**

Customer: *City of Oceanside*

Date: *October 17, 2008*

Oceanside Harbor, Oceanside, CA 92054

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Combined Pollutants (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter (2 filters)	100	5	10	115	Fair
	Sedimentation Basin	200	0	0	200	N/A
	Media Filter (Cartridge)	Poor / Replaced BioMediaGreen				
	Condition of Plants	Good / Strong growth & healthy				
	Discharge Chamber	Good				

Comments:

P O Box 869, Oceanside, CA 92049

(760) 433-7640 Fax (760) 433-4176

Customer: *City of Oceanside*

Date: *October 9, 2009*

Oceanside Harbor, Oceanside, CA 92054

Frank Quan 760-435-4032

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Combined Pollutants (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter (2 filters)	41	3	1	45	Good
	Sedimentation Basin	122	1	1	124	N/A
	Media Filter (Cartridge)	<i>Poor / Replaced BioMediaGreen</i>				
	Condition of Plants	<i>Good</i>				
	Discharge Chamber	<i>Good</i>				

Comments:

P O Box 869, Oceanside, CA 92049

(760) 433-7640 Fax (760) 433-4176

Customer: *City of Oceanside*

Date: *October 25, 2010*

Oceanside Harbor, Oceanside, CA 92054

Frank Quan 760-435-4032

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Combined Pollutants (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter (2 filters)	30	2	3	25	<i>Poor / Replaced</i>
	Sedimentation Basin	200	10	10	220	<i>N/A</i>
	Media Filter (Cartridge)	<i>Poor / Replaced BioMediaGreen</i>				
	Condition of Plants	<i>Fair</i>				
	Discharge Chamber	<i>Poor / Replaced BioMediaGreen</i>				

Comments:

P O Box 869, Oceanside, CA 92049

(760) 433-7640 Fax (760) 433-4176

Customer: City of Oceanside

Date: October 19, 2011

Oceanside Harbor, Oceanside, CA 92054

Frank Quan 760-435-4032

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Combined Pollutants (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter (2 filters)	20	15	1	36	Fair / 45%
	Sedimentation Basin	80	1	0	81	N/A
	Media Filter (Cartridge)	Fair at 50% / Replaced BioMediaGreen				
	Condition of Plants	Excellent / Plants trimmed				
	Discharge Chamber	Good at 15%				
	Pipe Condition	Good / Jetted pipe				
Comments:						

P O Box 869, Oceanside, CA 92049

(760) 433-7640 Fax (760) 433-4176



Customer: *City of Oceanside*

Date: *October 29, 2012*

Oceanside Harbor, Oceanside, CA 92054

Frank Quan 760-435-4032

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Combined Pollutants (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter (2 filters)	160	25	10	195	Good / 20%
	Sedimentation Basin	100	5	0	105	N/A
	Media Filter (BioMediaGREEN Cartridge)	Poor at 75% - Replaced BioMediaGreen				
	Condition of Plants	Excellent - Healthy & Green				
	Discharge Chamber	Good				
	Pipe Condition	Good - Jetted Pipe				

Comments:

P O Box 869, Oceanside, CA 92049

(760) 433-7640 Fax (760) 433-4176



Cleaning and Maintenance Report Modular Wetlands System



Project Name **Oceanside Harbor (MWS)**

Project Address **Boat Wash @ Oceanside Harbor**

Oceanside 92054

(city) (Zip Code)

Owner / Management Company **City of Oceanside**

Contact **Frank Quan**

Phone (**760**) **435** - **4032**

Inspector Name **Marcus & Shawn**

Date **11** / **1** / **2013**

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

St ☐ n

Storm Event in Last 72-hours? ☐ No ☒ Yes

Weather Condition **Sunny**

Additional Notes **Full Clean & Media Replacement**

For Office Use Only

Abby

(Reviewed By)

11/1/2013

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Double Curb Type

Size/Model #:

22' Perimeter Cartridge

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
1	Lat:	MWS Catch Basin Filter(s)	60	50	600	710	99% Replaced	Yes
	Long:	MWS Sedimentation Chamber	20	40	20	80	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Plant Condition	Good					
		Wetland Chamber Media Condition (Shale)	Fair					
		Drain Down Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments:



Cleaning and Maintenance Report Modular Wetlands System



Project Name Oceanside Harbor (MWS)

Project Address Boat Wash @ Oceanside Harbor

Oceanside 92054

(city) (Zip Code)

Owner / Management Company City of Oceanside

Contact Steve Rodriguez

Phone (760) 435 - 4031

Inspector Name Jay & Christian

Date 4 / 30 / 2014

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

Storm ☐ Event

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition Sunny

Additional Notes Full Clean & Media Replacement

For Office Use Only

Abby

(Reviewed By)

5/2/2014

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Double Curb Type

Size/Model #:

22' Perimeter Cartridge

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
1	Lat: Long:	MWS Catch Basin Filter(s)	3	3	100	106	40%	Yes
		MWS Sedimentation Chamber	3	3	80	86	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; Replaced					
		Plant Condition	Good					
		Wetland Chamber Media Condition (Shale)	Fair					
		Drain Down Media Condition (BioMediaGREEN)	Poor; Replaced					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments:



Modular Wetland System Cleaning & Maintenance Report

Customer: *Retail Center 3rd Avenue* **Date:** *June 15, 2010*

1310 Third Ave.

Chula Vista, CA 91911

Contact: *Tony Zamir* *858-525-3382*

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
1	<i>Catch Basin Filter</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	<i>Sedimentation Basin</i>	<i>217</i>	<i>1</i>	<i>2</i>	<i>220</i>	<i>N/A</i>
	<i>Cartridge Filter</i>	<i>Poor / Replaced BioMediaGreen</i>				
	<i>Condition of Plants</i>	<i>Good / Removed Dead Leaves</i>				
	<i>Discharge Chamber</i>	<i>Poor / Replaced Drain Down BioMediaGreen</i>				

Comments:



Modular Wetland System Cleaning & Maintenance Report

Customer: *Retail Center 3rd Avenue*

Date: *April 20, 2011*

1310 Third Ave.

Chula Vista, CA 91911

Contact: *Tony Zamir*

858-525-3382

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
1	<i>Catch Basin Filter</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	<i>Sedimentation Basin</i>	<i>85</i>	<i>5</i>	<i>10</i>	<i>100</i>	<i>N/A</i>
	<i>Cartridge Filter</i>	<i>Poor / Replaced</i>				
	<i>Condition of Plants</i>	<i>Fair</i>				
	<i>Discharge Chamber</i>	<i>Good</i>				

Comments:



Modular Wetland System Cleaning & Maintenance Report

Customer: Retail Center 3rd Avenue

Date: April 16, 2012

1310 Third Ave.

Chula Vista, CA 91911

Contact: Tony Zamir

858-525-3382

POLLUTANT DATA TABLE

Filter Location	MWS Linear	Total Weight of Sediment (lbs)	Total Weight of Trash (lbs)	Total Weight of Foliage (lbs)	Total Weight of Debris (lbs)	Condition of Hydrocarbon Boom
1	Catch Basin Filter	N/A	N/A	N/A	N/A	N/A
	Sedimentation Basin	47	6	7	60	N/A
	Media Filter	Poor / Replaced BioMediaGreen				
	Condition of Plants	Good				
	Discharge Chamber	Poor / Replaced BioMediaGreen				

Comments:



Cleaning and Maintenance Report Modular Wetlands System



Project Name **Retail Center 3rd Avenue**

Project Address **1310 Third Ave**

Chula Vista 91911

(city) (Zip Code)

Owner / Management Company **Retail Center 3rd Ave c/o Safouri-Hashem Z&M LLC**

Contact **Alli Pargal**

Phone (**619**) **425** – **9930 x 312**

Inspector Name **Gerren & Nate**

Date **4 / 9 / 2013**

Time _____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint

☐ Storm

Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition **Sunny**

Additional Notes **Full Clean / Call 24 hrs. in advance - Ok per Alli**

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Abby

(Reviewed By)

4/10/2013

(Date)

Office personnel to complete section to the left.

Modular Wetland System Type (Curb, Grate, UG Vault):

Vault Type

Size/Model #:

22' Perimeter Type

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufacturers' Specifications (If not, why?)
1	Lat: Long:	MWS Catch Basin Filter(s)						
		MWS Sedimentation Chamber	10	15	300	325	N/A	Yes
		Cartridge Filter Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Plant Condition	Good					
		Wetland Chamber Media Condition (Shale)	Good					
		Drain Down Media Condition (BioMediaGREEN)	Poor; 75% Replaced					
		Discharge Chamber Condition	Good					
		Drain Down Pipe Condition	Good					
		Inlet and Outlet Pipe Condition	Good					

Comments:

Service Scheduled for June 2014



Cleaning and Maintenance Report Modular Wetlands System



Project Name Retail Center 3rd Avenue

Project Address 1310 Third Ave Chula Vista 91911
(city) (Zip Code)

Owner / Management Company Retail Center 3rd Ave c/o Safouri-Hashem Z&M LLC

Contact Alli Pargal Phone (619) 425 - 9930 x 312

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(Reviewed By)
(Date) Office personnel to complete section to the left

Inspector Name _____ Date ____ / ____ / ____ Time ____ AM / PM

Type of Inspection ☒ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☒ No ☐ Yes

Weather Condition _____ Additional Notes **Full Clean / Call 24 hrs. - Scheduled for June 2014**

Modular Wetland System Type (Curb, Grate, UG Vault): **Vault Type** Size/Model #: **22' Perimeter Type**

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation (lbs)	Foliage Accumulation (lbs)	Sediment Accumulation (lbs)	Total Debris Accumulation (lbs)	Condition of Media 25/50/75/100 (will be Replaced @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
1	Lat: _____ Long: _____	MWS Catch Basin Filter(s)	/	/	/	/	/	/
		MWS Sedimentation Chamber				0	N/A	
		Cartridge Filter Media Condition (BioMediaGREEN)						
		Plant Condition						
		Wetland Chamber Media Condition (Shale)						
		Drain Down Media Condition (BioMediaGREEN)						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments: