City of
SANTA CLARITA

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March 2, 2015

Dr. Celine Gallon
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles CA 90013

Dear Dr. Gallon:

Subject: Response to Triennial Review Solicitation – Submitting Organization City of Santa Clarita

This letter is regarding the January 29, 2015, request for data and information on water quality standards in the Los Angeles Region. The City of Santa Clarita and Los Angeles County are embarking on an Enhanced Watershed Management Plan (EWMP) to address many pollutants, including but not limited to zinc and *E. coli* bacteria. This effort will comprehensively address pollutants found in storm water through regional best management practices, green streets, and other types of infiltration best management practices.

Therefore, the City respectfully requests all pollutants remaining on the 303(d) list that anticipate a Total Maximum Daily Load (TMDL) in the future be changed to the category of "being addressed by action other than a TMDL." In this case, the pollutants will be addressed through the action of development and implementation of the EWMP. As part of the EWMP, there was a pollutant prioritization process. Receiving water quality in the Santa Clara River watershed has been characterized based on available data. The characterization process consisted of the following steps:

1. Gathering relevant data and information from numerous sources including, but not limited to, 303(d) listings, WQBELs, RWLs, Surface Water Ambient Monitoring Program (SWAMP), annual reports, established TMDLs, Los Angeles Department of Public Works, and Los Angeles County Sanitation Districts;
2. Defining the EWMP area and identifying the water bodies within the EWMP area and downstream of the area that might be influenced by discharges from the EWMP area;
3. Conducting a data analysis to identify constituents with exceedances of water quality objectives;
4. Compiling water body pollutant combinations with TMDLs from Attachments L and O of the Los Angeles County Stormwater Permit;
5. Compiling 303(d) listings from the 2010 303(d) List; and
6. Comparing the data analysis to the State's Listing Policy.

A concise spreadsheet summary of the data review has been attached. Based on that research, the City requests the following for the upcoming 303(d) List. The affected water quality objectives are listed below.

Affected Waterbodies, Water Quality Objectives, and Suggested Revisions

Santa Clara River Reach 5
Iron meets the criteria for delisting and should be removed from the 303(d) list based on the information attached. For mercury, copper, and TDS, all of these pollutants have been modeled and will be addressed by the development and implementation of the EWMP for the Upper Santa Clara River. Therefore these pollutants should be changed to the category of "being addressed by action other than a TMDL."

Santa Clara River Reach 6
There have not been exceedances in the past five years for Bis-2 Ethylhexyl phthalate, Chlorpyrifos, and Diazinon; based on the information attached, all three should be delisted. In the case of Bis-2 Ethylhexyl phthalate, this was likely a byproduct of the laboratory testing process and not a pollutant found in the samples themselves.

For mercury, selenium, and zinc, all of these pollutants have been modeled and will be addressed by the development and implementation of the EWMP for the Upper Santa Clara River. Therefore, these pollutants should be changed to the category of "being addressed by action other than a TMDL."

Toxicity should be removed from the 303(d) list, as it is a result and not a pollutant.

Santa Clara River Reach 7
For copper, mercury, and cyanide, all of these pollutants have been modeled and will be addressed by the development and implementation of the EWMP for the Upper Santa Clara River. Therefore, these pollutants should be changed to the category of "being addressed by action other than a TMDL."

Changing All Listings to "Being Addressed by Action Other than a TMDL"
The pollutants currently on the 303(d) list which do not have an approved TMDL are iron, chlorpyrifos, copper, diazinon, iron, toxicity, algae, total dissolved solids, benthic macroinvertebrate bioassessments, chlorodibromomethan, DDT, dichlorobromomethane, PCBs, specific conductivity, Bis-2 Ethylhexyl phthalate, specific conductance. For these pollutants, if they remain on the 303(d) list, and any pollutants that might be added during this process, the City requests that all pollutants be in the category of "being addressed by action other than a TMDL," instead of developing TMDLs in the Santa Clara River watershed.

requests that all pollutants be in the category of "being addressed by action other than a TMDL," instead of developing TMDLs in the Santa Clara River watershed.

Contact Recreation Beneficial Use in the Santa Clara River

The City respectfully requests a re-evaluation of the contact recreation beneficial use for the Santa Clara River – in particular Reaches 5, 6, and 7. For the most part, the Santa Clara River is very dry with no contact recreation or it is extremely dangerous during high flows when people could be in serious danger if they are recreating. The City requests that the Regional Board re-evaluate the beneficial use specific to *E. coli* and other bacteria for the listing. Wet weather bacteria standards and listings should not apply to the Santa Clara River when the contact recreation beneficial use does not exist.

Order of Priority

While we believe all of these requests should be included in the next listing, it is critical that the categorization for all listings that may be scheduled for TMDLs be changed to a category of "being addressed by action other than a TMDL," using the EWMP process. Also, it is critical for delisting to occur so that limited resources are not being mismanaged by addressing a pollutant that no longer poses any threat.

The attached supporting information is a spread sheet summarizing the water quality data found. Also attached is the EWMP that includes a Water Quality Priorities section that summarized the pollutants and findings to be included in the EWMP, due to be submitted to the Regional Water Quality Control Board by June 28, 2015. Please contact me, should you have any questions about the information provided at (661) 255-4337 or by e-mail at tlange@santa-clarita.com.

Sincerely,

Travis Lange
Environmental Services Manager

TL:HLM:ll
S:\ENVSRVCS\NPDES2\303(d) List\2014\Ltr City of Santa Clarita Response to Request Final.doc

Enclosure

cc: Robert Newman, Director of Public Works

From: Serr, Cheryl [mailto:Cheryl.Serr@ventura.org]
Sent: Wednesday, June 10, 2015 12:23 PM
To: Unger, Samuel@Waterboards; Purdy, Renee@Waterboards; Newman, Jenny@Waterboards; WB-RB4-losangeles
Cc: Hubner, Gerhardt; Mutkowska, Ewelina; rigol@ci.fillmore.ca.us; davidb@ci.fillmore.ca.us; Yanez, Brian; myconsulting1@gmail.com; mlapraik@cilfillmore.ca.us; chernandez@spcity.org; AshliD@lwa.com
Subject: Santa Clara River_Delisting of Ammonia

Mr. Unger:

On behalf of Gerhardt Hubner, Deputy Director of the VC Watershed Protection District, Rigo Landeros, Public Works Director of the City of Fillmore, and Brian Yanez, Public Works Director of the City of Santa Paula, attached is a signed letter requesting delisting of ammonia and demonstration of absence of nitrogen compounds in the Santa Clara River Reach 3.

If you have any questions, please feel free to contact Mr. Hubner at (805) 654-5051.

Respectfully,
Cheryl Serr
Management Assistant
800 S. Victoria Ave.
Ventura, CA 93009-1610
(805) 645-1321

WPD

June 4, 2015

Mr. Sam Unger, Executive Officer
Los Angeles Regional Water Quality Control Board
320 West Fourth Street, Suite 200
Los Angeles, CA 90013

Subject: REASSESSMENT AND DELISTING OF AMMONIA AND ABSENCE OF IMPAIRMENT FOR OTHER NITROGEN COMPOUNDS IN THE SANTA CLARA RIVER REACH 3

Dear Mr. Unger:

The County of Ventura and Cities of Fillmore and Santa Paula appreciate the opportunity to provide the following information to support the reassessment and request for delisting of Santa Clara River Reach 3 for ammonia and to demonstrate the absence of impairments for nitrogen compounds in the Santa Clara River Reach 3, despite the current TMDL. A number of projects have been completed including significant Publicly Owned Treatment Works (POTWs) updates that no longer discharge to the Lower Santa Clara River.

Santa Clara River Reach 3 was placed on the 2002 California Clean Water Act Section 303(d) List of Impaired Waters (303(d) List) for ammonia. Subsequent to the 303(d) listing, the Santa Clara River Nitrogen Compounds TMDL (TMDL) was approved by the Los Angeles Regional Water Quality Control Board on August 7, 2003 and became effective on March 18, 2004 to address the listing. The TMDL also included targets and allocations for nitrate+nitrite as N even though no exceedances of the objectives were observed in the waterbody. The TMDL has been incorporated into the Ventura Countywide Municipal Separate Storm Sewer System (MS4) Permit (NPDES No. CAS004002), adopted in 2010.

Based on the memorandum dated November 12, 2013 related to the California Integrated Report Update, the next integrated report for the Los Angeles Region (4) will be forthcoming in 2016. The data analysis and discussion herein are intended to demonstrate that there is no impairment for any nitrogen compounds within Reach 3. The information can be utilized to support a delisting for ammonia in Reach 3 during the next integrated reporting process. The ammonia delisting discussed herein is a high priority for the Santa Clara River Watershed

and we are requesting the analysis and consideration for delisting be included in the 2016 Integrated Report. As specified in the memorandum, the data will be uploaded to the California Environmental Data Exchange Network (CEDEN) to facilitate the evaluation. Additionally, the analysis should support the removal of the TMDL Wasteload Allocations (WLAs) from the upcoming MS4 permit reissuance in 2015.

Available monitoring data collected since the TMDL became effective in 2004 has been reviewed, and the resulting analyses are presented in two parts. Part 1 of this letter presents a review of monitoring data to determine if the reach continues to exceed applicable water quality objectives for ammonia or qualifies for delisting under the 2004 Water Quality Control Policy for Developing California Clean Water Act Section 303(d) List (Listing Policy). In Part 2, a comparison of the nutrient data to numeric targets and MS4 WLAs for ammonia and nitrate plus nitrite nitrogen included in the TMDL is presented. Attachment 1 provides the data to support the conclusions presented in Part 1 and Part 2 of this letter.

PART 1: REASSESSMENT AND DELISTING OF AMMONIA IN SANTA CLARA RIVER REACH 3

Data Used in the Analysis

Water Quality data from April 2004 to December 2014 were collected from the mass emission station ME-SCR, located approximately 2.5 miles upstream of the river crossing at California State Route 118. The data period includes 54 samples and is representative of current conditions. Samples were collected throughout the year at the monitoring location under wet and dry conditions.

Additionally, data collected by the Southern California Stormwater Monitoring Coalition on June 1, 2010 was available for the Santa Clara River station located in Reach 3, located approximately 4 miles upstream of South Mountain Road in Santa Paula. The data was downloaded from the California Environmental Data Exchange Network (CEDEN).

Samples were analyzed for ammonia, pH and temperature according to EPA analytical methods, or using a field meter, as presented in Attachment 1.

Comparison of Data to Water Quality Criteria

Ammonia results were compared to the temperature and pH dependent water quality criteria as established in Table 3-1 and 3-2 of the Water Quality Control Plan for the Los Angeles Basin (Basin Plan). Applicable water quality criteria are shown in Table 1.

Table 1: Water Quality Objectives for Analysis of Santa Clara River Reach 3

Constituent	Units	Objective	Equation
Ammonia as N	mg/L	One-hour Average [a]	$\frac{0.275}{1+10^{7.204-pH}}+\frac{39.0}{1+10^{pH-7.204}}$
		30-day Average [b,c]	$\left(\frac{0.0577}{1+10^{7.688-pH}}+\frac{2.487}{1+10^{pH-7.688}}\right)*MIN\left(2.85, 1.45*10^{0.028*(25-T)}\right)$

a. One-hour average objective for freshwaters with designated beneficial uses of COLD and MIGR.
b. 30-day average objective for freshwaters subject to the "Early Life Stage Present" condition
c. Temperature units are degrees Celsius

The freshwater one-hour average objective is dependent on pH and fish species (salmonids present or absent), but not temperature. It is assumed that salmonids are present in waters designated in the Basin Plan as COLD or MIGR. Table 2-1 of the Basin Plan designates Santa Clara River Reach 3 as MIGR. The freshwater 30-day average objective is dependent on pH, temperature in degrees Celsius, and the presence or absence of early life stages (ELS) of fish. According to the Basin Plan, Santa Clara River Reach 3 is subject to "ELS Present" conditions year-round.

Comparison of Exceedances to Listing Policy

The number of exceedances shown in Table 2 was compared to the requirements for delisting presented in Section 4 of the Listing Policy. Table 4.1 of the Listing Policy indicates that for toxicants, if the sample size is between 48 and 59, the number of exceedances must be less than or equal to four for the constituent to be considered for delisting.

Table 2: Summary of Objective Exceedances, Data Collected from 2004-2014

	Number of Exceedances		Allowed Maximum Number of Exceedances
	One-hour Average	30-Day Average	
Dry Weather (n = 20)	0	0	4
Wet Weather (n = 35)	0	1	4
Total (n = 55) Allowable Exceedances = 4	0	1	4

As shown in Table 2, there were zero exceedances for the one-hour average objective and one exceedance of the 30-day average objective for the 55 samples analyzed. As a result, the available data collected since 2004 shows that Santa Clara River Reach 3 should be delisted per the 2004 Listing Policy.

Attachment 1 to this letter includes the data used to determine the number of exceedances of the applicable water quality objective.

PART 2: DEMONSTRATION OF COMPLIANCE WITH SANTA CLARA RIVER NITROGEN COMPOUNDS TMDL IN SANTA CLARA RIVER REACH 3

Data Used in the Analysis

Receiving Water Data

Water quality data from April 2004 to December 2014 were collected from the mass emission station ME-SCR, located approximately 2.5 miles upstream of the river crossing at California State Route 118. The data period includes 54 samples and is representative of current conditions. Samples were collected throughout the year at the monitoring location under wet and dry conditions.

Additionally, data collected by the Southern California Stormwater Monitoring Coalition on June 1, 2010 was available for the Santa Clara River station located in Reach 3, located approximately 4 miles upstream of South Mountain Road in Santa Paula. The data was downloaded from the California Environmental Data Exchange Network (CEDEN).

Samples were analyzed for ammonia, nitrate nitrogen and nitrite nitrogen according to EPA analytical methods, as presented in Attachment 1.

Outfall Data

Water quality data from October 2010 to December 2014 were collected from the major outfall stations MO-SPA and MO-FIL, discharging to Santa Clara River Reach 3. The data period includes 19 samples from MO-FIL and 17 samples from MO-SPA, and is representative of current conditions. Samples were collected throughout the year at the monitoring locations under wet and dry conditions.

Samples were analyzed for ammonia, nitrate nitrogen and nitrite nitrogen according to EPA analytical methods. Analytical methods are included in Attachment 1.

Comparison of Data to TMDL Water Quality Criteria

Ammonia and nitrate plus nitrite nitrogen results from ME-SCR were compared to TMDL numeric targets for Santa Clara River Reach 3 below Santa Paula. Results from MO-FIL and MO-SPA were compared to WLAs for permitted MS4 discharges to Reach 3. These targets and allocations are summarized in Table 3.

Table 3: Santa Clara River Reach 3 Nitrogen Compounds TMDL Targets and MS4 WLAs

Constituent		Value
Numeric Target		
Ammonia as N [a, b]	One-hour average	2.2 mg/L
	30-day average	1.7 mg/L
Nitrate plus Nitrite as N	30-day average	4.5 mg/L
MS4 Wasteload Allocations		
Ammonia as N	One-hour average	4.2 mg/L
	30-day average	2.0 mg/L
Nitrate plus Nitrite as N	30-day average	8.1 mg/L

a. Shall not exceed more than once every three years on average (California Regional Water Quality Control Board, Los Angeles Region. *Santa Clara River, Total Maximum Daily Loads for Nitrogen Compounds, Staff Report.* June 16, 2003).
b. Targets for Reach 3 below Santa Paula were used for this analysis as they are more conservative than targets at and above Santa Paula.

The number of exceedances of applicable TMDL targets and allocations shown in Table 4 is presented in Table 4 and Table 5.

As shown in Table 4, there was one exceedance out of 55 samples for the 30-day average ammonia objective, and zero exceedances for the one-hour average ammonia objective. There were three exceedances of the 30-day average objective for nitrate plus nitrite nitrogen. The wet weather exceedances of the 30-day average objectives for ammonia and nitrate plus nitrite nitrogen were based on only one sample within the 30 day period, and are not representative of 30-day average conditions.

The TMDL includes numeric targets for nitrate plus nitrite nitrogen in Reach 3, though Reach 3 is not listed on the 303(d) list for nitrate plus nitrite nitrogen. Table 3.2 of the Listing Policy indicates that for conventionals and other constituents, if the sample size is between 55 and 60, the number of exceedances must be less than or equal to 10 for the constituent to be listed on the 303(d) List. There have been only three exceedances of the TMDL target of 4.5 mg/L for nitrate plus nitrite nitrogen. Of note, the TMDL target is more conservative than the Basin Plan objective for nitrate plus nitrogen in Reach 3 (5 mg/L) because it includes a margin of safety. Based on the analysis presented in Table 4, Reach 3 does not meet the requirements in the Listing Policy to include nitrate plus nitrite nitrogen on the 303(d) list and is not considered to be impaired.

Table 4: Summary of TMDL Target Exceedances at ME-SCR, Data collected 2004-2014

Constituent	Number of Samples	Number of Exceedances	
Ammonia as N		One-hour average	30-day average
Dry Weather	20	0	0
Wet Weather	35	1	1
Total	55	1	1
Nitrate plus Nitrite as N		30-day average	
Dry Weather	20	0	
Wet Weather	35	3	
Total	55	3	

As shown in Table 5, there were zero exceedances for the ammonia and nitrate plus nitrite WLAs at MO-FIL. There was one exceedance of the 30-day average ammonia objective at MO-SPA, and zero exceedances of the one-hour average ammonia WLA and the 30-day average nitrate plus nitrite nitrogen WLA. The wet weather exceedance of the 30-day average objective at MO-SPA for ammonia was based on only one sample for the 30 day period, and is not representative of 30-day average conditions. Based on data collected in the receiving water, which met TMDL targets, the exceedance of the 30 day WLA for ammonia at MO-SPA did not cause an exceedance in the receiving waters. The exceedance occurred on December 8, 2013, and receiving water exceedances for ammonia occurred in 2007.

Table 5: Summary of TMDL WLA Exceedances at MO-SPA and MO-FIL, Data collected 2010-2014

Site	Constituent	Number of Samples	Number of Exceedances	
MO-FIL	**Ammonia as N**		One-hour average	30-day average
	Dry Weather	4	0	0
	Wet Weather	15	0	0
	Total	19	0	0
	Nitrate plus Nitrite as N		30-day average	
	Dry Weather	4	0	
	Wet Weather	14	0	
	Total	18	0	
MO-SPA	**Ammonia as N**		One-hour average	30-day average
	Dry Weather	2	0	0
	Wet Weather	15	0	1
	Total	17	0	1
	Nitrate plus Nitrite as N		30-day average	
	Dry Weather	2	0	
	Wet Weather	15	0	
	Total	17	0	

The Ventura Countywide MS4 Permit requires that County of Ventura and Cities of Fillmore and Santa Paula implement best management practices (BMPs) to achieve the WLAs listed in Table 3. Based on the analysis presented in Table 5, WLAs are being met and are not contributing to exceedances of TMDL numeric targets or Basin Plan objectives in the receiving water. Current BMPs appear to be sufficient to meet permit WLAs, and WLAs should be considered for removal from the permit during the upcoming permit cycle.

Attachment 1 to this letter includes the data used to determine the number of exceedances of the applicable water quality objective.

Thank you for your time and consideration of our request for delisting Santa Clara River Reach 3 for ammonia. We will be happy to meet and discuss this request at your convenience. We are looking forward to a written response to this request.

If you have any questions, please contact Gerhardt Hubner at (805) 654-5051.

Sincerely,

Gerhardt Hubner,
Deputy Director
Ventura County
Watershed Protection
District

Rigo Landeros,
Public Works Director
City of Fillmore

Brian Yanez,
Public Works Director
City of Santa Paula

CC: Renee Purdy, Los Angeles Regional Water Quality Control Board
Jenny Newman, Los Angeles Regional Water Quality Control Board
Tully Clifford, Ventura County Watershed Protection District
Ewelina Mutkowska, Ventura County Public Works Agency
Caesar Hernandez, City of Santa Paula

Attachment 1: Data to Support Delisting and Impairment Evaluation

Site:	ME-SCR: Mass Emission station
Program:	VCWPD NPDES Stormwater Monitoring Program
Latitude:	34.29917
Longitude:	-119.10722

Site:	MO-FIL: Major Outfall
Program:	VCWPD NPDES Stormwater Monitoring Program
Latitude:	34.404586
Longitude:	-118.930686

Site:	MO-SPA: Major Outfall
Program:	VCWPD NPDES Stormwater Monitoring Program
Latitude:	34.348608
Longitude:	-119.055506

Site:	403S05247: Santa Clara River
Program:	Southern California Stormwater Monitoring Coalition (data obtained through CEDEN)
Latitude:	34.369316
Longitude:	-118.9873886

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	ME-SCR	2003/04-4	4/14/2004	Grab	pH	7.7	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2003/04-4	4/14/2004	Grab	pH	7.92	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2003/04-4	4/14/2004	Grab	Temperature	16.2	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2003/04-4	4/14/2004	Grab	Ammonia as N	0.5	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2003/04-5	5/27/2004	Grab	pH	7.9	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2003/04-5	5/27/2004	Grab	Temperature	18.2	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2003/04-5	5/27/2004	Grab	Ammonia as N	0.51	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2003/04-6	6/14/2004	Grab	pH	8.3	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2003/04-6	6/14/2004	Grab	Temperature	19.8	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2003/04-6	6/14/2004	Grab	Ammonia as N	0.05	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2004/05-1	10/17/2004	Grab	pH	7.4	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2004/05-1	10/17/2004	Grab	Temperature	18.2	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2004/05-1	10/17/2004	Grab	Ammonia as N	0.5	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2004/05-2	10/27/2004	Grab	pH	7.46	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2004/05-2	10/27/2004	Grab	Temperature	12.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2004/05-2	10/27/2004	Grab	Ammonia as N	0.21	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2004/05-3	12/5/2004	Grab	pH	8	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2004/05-3	12/5/2004	Grab	Temperature	11.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2004/05-3	12/5/2004	Grab	Ammonia as N	0.75	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2004/05-4	1/8/2005	Grab	pH	7.71	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2004/05-4	1/8/2005	Grab	Temperature	9.7	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2004/05-4	1/8/2005	Grab	Ammonia as N	0.03	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2004/05-5	5/3/2005	Grab	pH	8.3	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2004/05-5	5/3/2005	Grab	Temperature	18	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2004/05-5	5/3/2005	Grab	Ammonia as N	0.08	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2004/05-6	6/22/2005	Grab	pH	8.31	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2004/05-6	6/22/2005	Grab	Temperature	20.3	°C	Field Meter		0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	ME-SCR	2004/05-6	6/22/2005	Grab	Ammonia as N	0.01	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2005/06-1	10/17/2005	Grab	pH	8.25	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2005/06-1	10/17/2005	Grab	Temperature	17.4	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2005/06-1	10/17/2005	Grab	Ammonia as N	0.1	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2005/06-2	11/9/2005	Grab	pH	8.2	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2005/06-2	11/9/2005	Grab	Temperature	16.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2005/06-2	11/9/2005	Grab	Ammonia as N	0.06	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2005/06-3	2/19/2006	Grab	pH	8.3	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2005/06-3	2/19/2006	Grab	Temperature	9.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2005/06-3	2/19/2006	Grab	Ammonia as N	0.06	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2005/06-4	2/27/2006	Grab	pH	7.7	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2005/06-4	2/27/2006	Grab	Temperature	11.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2005/06-4	2/27/2006	Grab	Ammonia as N	0.25	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2005/06-5	5/31/2006	Grab	pH	8.3	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2005/06-5	5/31/2006	Grab	Temperature	24	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2005/06-5	5/31/2006	Grab	Ammonia as N	0.03	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2005/06-6	6/13/2006	Grab	pH	8.3	pH Units	EPA 150.1		0.01	VCWPD
Dry	ME-SCR	2005/06-6	6/13/2006	Grab	pH	8.16	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2005/06-6	6/13/2006	Grab	Temperature	24.4	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2005/06-6	6/13/2006	Grab	Ammonia as N	0.04	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2006/07-1	12/10/2006	Grab	pH	8	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2006/07-1	12/10/2006	Grab	pH	8.19	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2006/07-1	12/10/2006	Grab	Temperature	13.2	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2006/07-1	12/10/2006	Grab	Ammonia as N	0.43	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2006/07-2	1/27/2007	Grab	pH	8.02	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2006/07-2	1/27/2007	Grab	Temperature	13.3	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2006/07-2	1/27/2007	Grab	Ammonia as N	0.72	mg/L	SM 4500-NH3 F	0.01		VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2006/07-3	2/22/2007	Grab	pH	8.2	pH Units	EPA 150.1		0.01	VCWPD
Wet	ME-SCR	2006/07-3	2/22/2007	Grab	Temperature	15.6	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2006/07-3	2/22/2007	Grab	Ammonia as N	0.2	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2006/07-4	4/20/2007	Grab	pH	8	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2006/07-4	4/20/2007	Grab	pH	7.6	pH Units	SM 4500-H+ B		0.1	VCWPD
Wet	ME-SCR	2006/07-4	4/20/2007	Grab	Temperature	14.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2006/07-4	4/20/2007	Grab	Ammonia as N	0.58	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2006/07-5	5/15/2007	Grab	pH	8.3	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2006/07-5	5/15/2007	Grab	pH	8.2	pH Units	SM 4500-H+ B		0.1	VCWPD
Dry	ME-SCR	2006/07-5	5/15/2007	Grab	Temperature	17.7	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2006/07-5	5/15/2007	Grab	Ammonia as N	0.3	mg/L	SM 4500-NH3 F	0.01		VCWPD
Dry	ME-SCR	2006/07-6	6/12/2007	Grab	pH	8.2	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2006/07-6	6/12/2007	Grab	pH	8.2	pH Units	SM 4500-H+ B		0.1	VCWPD
Dry	ME-SCR	2006/07-6	6/12/2007	Grab	Temperature	25.6	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2006/07-6	6/12/2007	Grab	Ammonia as N	0.22	mg/L	SM 4500-NH3 F	0.01		VCWPD
Wet	ME-SCR	2007/08-1	9/22/2007	Grab	pH	7.9	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2007/08-1	9/22/2007	Grab	pH	8	pH Units	SM 4500-H+ B		0.1	VCWPD
Wet	ME-SCR	2007/08-1	9/22/2007	Grab	Temperature	19.6	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2007/08-1	9/22/2007	Grab	Ammonia as N	0.03	mg/L	SM 4500-NH3 F	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-2	12/18/2007	Grab	pH	7.1	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2007/08-2	12/18/2007	Grab	pH	7.9	pH Units	SM 4500-H+ B		0.1	VCWPD
Wet	ME-SCR	2007/08-2	12/18/2007	Grab	Temperature	14.2	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2007/08-2	12/18/2007	Grab	Ammonia as N	13.5	mg/L	SM 4500-NH3 F	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-3	1/23/2008	Grab	pH	6.2	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2007/08-3	1/23/2008	Grab	pH	8	pH Units	SM 4500-H+ B		0.1	VCWPD
Wet	ME-SCR	2007/08-3	1/23/2008	Grab	Temperature	9.7	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2007/08-3	1/23/2008	Grab	Ammonia as N	0.45	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	ME-SCR	2007/08-4	4/18/2008	Grab	pH	8.1	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2007/08-4	4/18/2008	Grab	pH	8.1	pH Units	SM 4500-H+ B		0.1	VCWPD
Dry	ME-SCR	2007/08-4	4/18/2008	Grab	Temperature	16.5	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2007/08-4	4/18/2008	Grab	Ammonia as N	0.11	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Dry	ME-SCR	2007/08-5	5/21/2008	Grab	pH	8.21	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2007/08-5	5/21/2008	Grab	pH	8.3	pH Units	SM 4500-H+ B		0.1	VCWPD
Dry	ME-SCR	2007/08-5	5/21/2008	Grab	Temperature	24.1	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2007/08-5	5/21/2008	Grab	Ammonia as N	0.21	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Dry	ME-SCR	2007/08-6	6/12/2008	Grab	pH	8.06	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2007/08-6	6/12/2008	Grab	pH	8.4	pH Units	SM 4500-H+ B		0.1	VCWPD
Dry	ME-SCR	2007/08-6	6/12/2008	Grab	Temperature	26.2	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2007/08-6	6/12/2008	Grab	Ammonia as N	0.16	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Grab	pH	8.04	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Grab	pH	7.9	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Grab	Temperature	15.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Grab	Ammonia as N	0.4	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Wet	ME-SCR	2008/09-2	12/15/2008	Grab	pH	7.78	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2008/09-2	12/15/2008	Grab	pH	7.5	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2008/09-2	12/15/2008	Grab	Temperature	11.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2008/09-2	12/15/2008	Grab	Ammonia as N	0.08	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Wet	ME-SCR	2008/09-3	2/6/2009	Grab	pH	7.78	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2008/09-3	2/6/2009	Grab	pH	8.1	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2008/09-3	2/6/2009	Grab	Temperature	14.2	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2008/09-3	2/6/2009	Grab	Ammonia as N	0.91	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Wet	ME-SCR	2008/09-4	3/4/2009	Grab	pH	8.27	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2008/09-4	3/4/2009	Grab	pH	8.1	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2008/09-4	3/4/2009	Grab	Temperature	16.3	°C	Field Meter		0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2008/09-4	3/4/2009	Grab	Ammonia as N	0.24	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Dry	ME-SCR	2008/09-5	4/20/2009	Grab	pH	8.42	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2008/09-5	4/20/2009	Grab	pH	8.2	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Dry	ME-SCR	2008/09-5	4/20/2009	Grab	Temperature	18.3	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2008/09-5	4/20/2009	Grab	Ammonia as N	0.09	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Dry	ME-SCR	2008/09-6	6/22/2009	Grab	pH	7.88	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2008/09-6	6/22/2009	Grab	pH	7.9	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Dry	ME-SCR	2008/09-6	6/22/2009	Grab	Temperature	16.2	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2008/09-6	6/22/2009	Grab	Ammonia as N	0.8	mg/L	SM 4500-NH3 F	0.03	0.03	VCWPD
Wet	ME-SCR	2009/10-1	10/13/2009	Grab	pH	7.62	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2009/10-1	10/13/2009	Grab	pH	7.66	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2009/10-1	10/13/2009	Grab	Temperature	17.6	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2009/10-1	10/14/2009	Composite	Ammonia as N	0.34	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2009/10-2	12/7/2009	Grab	pH	7.8	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2009/10-2	12/7/2009	Grab	pH	7.78	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2009/10-2	12/7/2009	Grab	Temperature	12.3	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2009/10-2	12/8/2009	Composite	Ammonia as N	0.71	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2009/10-3A	2/20/2010	Grab	pH	8.19	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2009/10-3A	2/20/2010	Grab	pH	8.18	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2009/10-3A	2/20/2010	Grab	Temperature	11.1	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2009/10-3A	2/22/2010	Composite	Ammonia as N	0.22	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	ME-SCR	2009/10-4	3/17/2010	Grab	pH	8.17	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2009/10-4	3/17/2010	Grab	pH	8.01	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Dry	ME-SCR	2009/10-4	3/17/2010	Grab	Temperature	12	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2009/10-4	3/18/2010	Composite	Ammonia as N	0.32	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2010/11-1	10/6/2010	Grab	pH	7.91	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2010/11-1	10/6/2010	Grab	Temperature	16.7	°C	Field Meter		0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2010/11-1	10/7/2010	Composite	Ammonia as N	0.24	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2010/11-2	10/30/2010	Grab	pH	8.21	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2010/11-2	10/30/2010	Grab	Temperature	15.4	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2010/11-2	10/31/2010	Composite	Ammonia as N	ND	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2010/11-4	2/16/2011	Grab	pH	8.05	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2010/11-4	2/16/2011	Grab	Temperature	13.7	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2010/11-4	2/17/2011	Composite	Ammonia as N	0.2	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	ME-SCR	2010/11-5	4/28/2011	Grab	pH	8.13	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2010/11-5	4/28/2011	Grab	Temperature	16.1	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2010/11-5	4/28/2011	Composite	Ammonia as N	0.063	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2011/12-1	10/5/2011	Grab	pH	7.5	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2011/12-1	10/5/2011	Grab	Temperature	16.6	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2011/12-1	10/6/2011	Composite	Ammonia as N	0.14	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2011/12-2	1/21/2012	Grab	pH	8.2	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2011/12-2	1/21/2012	Grab	Temperature	13.4	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2011/12-2	1/21/2012	Composite	Ammonia as N	0.22	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2011/12-3	3/17/2012	Grab	pH	8.1	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2011/12-3	3/17/2012	Grab	Temperature	13.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2011/12-3	3/18/2012	Composite	pH	7.78	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	ME-SCR	2011/12-3	3/18/2012	Composite	Ammonia as N	0.9	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	ME-SCR	2011/12-4	5/22/2012	Grab	pH	8.19	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2011/12-4	5/22/2012	Grab	Temperature	17.2	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2011/12-4	5/22/2012	Composite	Ammonia as N	0.048	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2012/13-2	11/17/2012	Grab	pH	8.23	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2012/13-2	11/17/2012	Grab	Temperature	16.2	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2012/13-2	11/18/2012	Composite	Ammonia as N	0.13	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2012/13-3	2/19/2013	Grab	pH	8.06	pH Units	Field Meter		0.01	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2012/13-3	2/19/2013	Grab	Temperature	13.6	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2012/13-3	2/20/2013	Composite	Ammonia as N	ND	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2012/13-4	3/8/2013	Grab	pH	8.06	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2012/13-4	3/8/2013	Grab	Temperature	14.5	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2012/13-4	3/8/2013	Composite	Ammonia as N	0.59	mg/L	EPA 350.1	0.096	0.2	VCWPD
Dry	ME-SCR	2012/13-5	4/23/2013	Grab	pH	8.17	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2012/13-5	4/23/2013	Grab	Temperature	18	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2012/13-5	4/23/2013	Composite	Ammonia as N	ND	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2013/14-1	12/7/2013	Grab	pH	7.88	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2013/14-1	12/7/2013	Grab	Temperature	10.4	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2013/14-1	12/8/2013	Composite	Ammonia as N	0.13	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2013/14-2	2/6/2014	Grab	pH	7.99	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2013/14-2	2/6/2014	Grab	Temperature	12.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2013/14-2	2/7/2014	Composite	Ammonia as N	0.087	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2013/14-3	2/27/2014	Grab	pH	7.65	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2013/14-3	2/27/2014	Grab	Temperature	13.8	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2013/14-3	2/28/2014	Composite	Ammonia as N	0.71	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	ME-SCR	2013/14-4	4/23/2014	Grab	pH	7.94	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	2013/14-4	4/23/2014	Grab	Temperature	18	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2013/14-4	4/23/2014	Composite	Ammonia as N	ND	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	ME-SCR	2014/15-3	12/12/2014	Grab	pH	7.69	pH Units	Field Meter		0.01	VCWPD
Wet	ME-SCR	2014/15-3	12/12/2014	Grab	Temperature	18.9	°C	Field Meter		0.1	VCWPD
Wet	ME-SCR	2014/15-3	12/12/2014	Composite	Ammonia as N	1	mg/L	EPA 350.1	0.19	0.4	VCWPD
Dry	ME-SCR	SSA-01	1/29/2014	Grab	pH	7.66	pH Units	Field Meter		0.01	VCWPD
Dry	ME-SCR	SSA-01	1/29/2014	Grab	Temperature	11.1	°C	Field Meter		0.1	VCWPD
Dry	ME-SCR	2003/04-4	4/15/2004	Composite	Nitrate as N	0.49	mg/L	SM 4500-NO3 E	0.02		VCWPD
Dry	ME-SCR	2003/04-4	4/15/2004	Composite	Nitrite as N	0.11	mg/L	SM 4500-NO2 B	0.02		VCWPD

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Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	ME-SCR	2003/04-5	5/28/2004	Composite	Nitrate as N	0.35	mg/L	SM 4500-NO3 E	0.02		VCWPD
Dry	ME-SCR	2003/04-5	5/28/2004	Composite	Nitrite as N	0.14	mg/L	SM 4500-NO2 B	0.02		VCWPD
Dry	ME-SCR	2003/04-6	6/15/2004	Composite	Nitrate as N	0.31	mg/L	SM 4500-NO3 E	0.02		VCWPD
Dry	ME-SCR	2003/04-6	6/15/2004	Composite	Nitrite as N	0.16	mg/L	SM 4500-NO2 B	0.02		VCWPD
Wet	ME-SCR	2004/05-1	10/19/2004	Composite	Nitrate as N	1.8	mg/L	SM 4500-NO3 E	0.02		VCWPD
Wet	ME-SCR	2004/05-1	10/19/2004	Composite	Nitrite as N	0.18	mg/L	SM 4500-NO2 B	0.02		VCWPD
Wet	ME-SCR	2004/05-2	10/28/2004	Composite	Nitrate as N	1.42	mg/L	SM 4500-NO3 E	0.02		VCWPD
Wet	ME-SCR	2004/05-2	10/28/2004	Composite	Nitrite as N	ND	mg/L	SM 4500-NO2 B	0.02		VCWPD
Wet	ME-SCR	2004/05-3	12/6/2004	Composite	Nitrate as N	1.99	mg/L	SM 4500-NO3 E	0.02		VCWPD
Wet	ME-SCR	2004/05-3	12/6/2004	Composite	Nitrite as N	0.08	mg/L	SM 4500-NO2 B	0.02		VCWPD
Wet	ME-SCR	2004/05-4	1/9/2005	Composite	Nitrate as N	4.8	mg/L	SM 4500-NO3 E	0.02		VCWPD
Wet	ME-SCR	2004/05-4	1/9/2005	Composite	Nitrite as N	0.19	mg/L	SM 4500-NO2 B	0.02		VCWPD
Dry	ME-SCR	2004/05-5	5/4/2005	Composite	Nitrate as N	1.3	mg/L	EPA 300.0	0.02		VCWPD
Dry	ME-SCR	2004/05-5	5/4/2005	Composite	Nitrite as N	ND	mg/L	EPA 300.0	0.02		VCWPD
Dry	ME-SCR	2004/05-6	6/23/2005	Composite	Nitrate as N	1.36	mg/L	EPA 300.0	0.02		VCWPD
Dry	ME-SCR	2004/05-6	6/23/2005	Composite	Nitrite as N	0.37	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-1	10/19/2005	Composite	Nitrate as N	1.69	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-1	10/19/2005	Composite	Nitrite as N	0.164	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-2	11/10/2005	Composite	Nitrate as N	1.88	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-2	11/10/2005	Composite	Nitrite as N	0.03	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-3	2/21/2006	Composite	Nitrate as N	2.35	mg/L	EPA 300.0	0.02		VCWPD
Wet	ME-SCR	2005/06-3	2/21/2006	Composite	Nitrite as N	0.27	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2005/06-4	3/1/2006	Composite	Nitrate as N	1.93	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2005/06-4	3/1/2006	Composite	Nitrite as N	0.28	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2005/06-5	6/1/2006	Composite	Nitrate as N	0.84	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2005/06-5	6/1/2006	Composite	Nitrite as N	0.03	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2005/06-6	6/14/2006	Composite	Nitrate as N	2.03	mg/L	EPA 300.0	0.01		VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	ME-SCR	2005/06-6	6/14/2006	Composite	Nitrite as N	0.08	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-1	12/11/2006	Composite	Nitrate as N	2.6	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-1	12/11/2006	Composite	Nitrite as N	0.02	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2006/07-2	1/29/2007	Composite	Nitrate as N	2.46	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-2	1/29/2007	Composite	Nitrite as N	0.1	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-3	2/23/2007	Composite	Nitrate as N	1.8	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-3	2/23/2007	Composite	Nitrite as N	0.06	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-4	4/21/2007	Composite	Nitrate as N	1.86	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2006/07-4	4/21/2007	Composite	Nitrite as N	ND	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2006/07-5	5/16/2007	Composite	Nitrate as N	2.77	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2006/07-5	5/16/2007	Composite	Nitrite as N	0.56	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2006/07-6	6/13/2007	Composite	Nitrate as N	1.53	mg/L	EPA 300.0	0.01		VCWPD
Dry	ME-SCR	2006/07-6	6/13/2007	Composite	Nitrite as N	0.12	mg/L	EPA 300.0	0.01		VCWPD
Wet	ME-SCR	2007/08-1	9/24/2007	Composite	Nitrate as N	ND	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-1	9/24/2007	Composite	Nitrite as N	ND	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-2	12/20/2007	Composite	Nitrate as N	0.8	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-2	12/20/2007	Composite	Nitrite as N	ND	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-3	1/24/2008	Composite	Nitrate as N	1.68	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2007/08-3	1/24/2008	Composite	Nitrite as N	0.13	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-4	4/18/2008	Composite	Nitrate as N	1.01	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-4	4/18/2008	Composite	Nitrite as N	0.1	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-5	5/22/2008	Composite	Nitrate as N	1.09	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-5	5/22/2008	Composite	Nitrite as N	0.15	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-6	6/13/2008	Composite	Nitrate as N	0.98	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2007/08-6	6/13/2008	Composite	Nitrite as N	0.15	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Composite	Nitrate as N	2.17	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-1	11/26/2008	Composite	Nitrite as N	0.12	mg/L	EPA 300.0	0.01	0.05	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2008/09-2	12/16/2008	Composite	Nitrate as N	2.894	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-2	12/16/2008	Composite	Nitrite as N	0.118	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-3	2/7/2009	Composite	Nitrate as N	1.75	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-3	2/7/2009	Composite	Nitrite as N	0.11	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-4	3/5/2009	Composite	Nitrate as N	1.19	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2008/09-4	3/5/2009	Composite	Nitrite as N	0.07	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2008/09-5	4/21/2009	Composite	Nitrate as N	1.63	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2008/09-5	4/21/2009	Composite	Nitrite as N	0.11	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2008/09-6	6/23/2009	Composite	Nitrate as N	1.8	mg/L	EPA 300.0	0.01	0.05	VCWPD
Dry	ME-SCR	2008/09-6	6/23/2009	Composite	Nitrite as N	0.42	mg/L	EPA 300.0	0.01	0.05	VCWPD
Wet	ME-SCR	2009/10-1	10/14/2009	Composite	Nitrate + Nitrite as N	2.1	mg/L	EPA 353.2	0.033	0.1	VCWPD
Wet	ME-SCR	2009/10-2	12/8/2009	Composite	Nitrate + Nitrite as N	2.7	mg/L	EPA 353.2	0.033	0.1	VCWPD
Wet	ME-SCR	2009/10-3A	2/22/2010	Composite	Nitrate + Nitrite as N	1	mg/L	EPA 353.2	0.033	0.1	VCWPD
Dry	ME-SCR	2009/10-4	3/18/2010	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.033	0.1	VCWPD
Wet	ME-SCR	2010/11-1	10/7/2010	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2010/11-2	10/31/2010	Composite	Nitrate + Nitrite as N	0.22	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2010/11-4	2/17/2011	Composite	Nitrate + Nitrite as N	1.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	ME-SCR	2010/11-5	4/28/2011	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2011/12-1	10/6/2011	Composite	Nitrate + Nitrite as N	1.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2011/12-2	1/21/2012	Composite	Nitrate + Nitrite as N	1.7	mg/L	EPA 353.2	0.01	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	ME-SCR	2011/12-3	3/18/2012	Composite	Nitrate + Nitrite as N	1.8	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	ME-SCR	2011/12-4	5/22/2012	Composite	Nitrate + Nitrite as N	1.3	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2012/13-2	11/18/2012	Composite	Nitrate + Nitrite as N	1.8	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2012/13-3	2/20/2013	Composite	Nitrate + Nitrite as N	1.5	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2012/13-4	3/8/2013	Composite	Nitrate + Nitrite as N	1.8	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	ME-SCR	2012/13-5	4/23/2013	Composite	Nitrate + Nitrite as N	1.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2013/14-1	12/8/2013	Composite	Nitrate + Nitrite as N	1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2013/14-2	2/7/2014	Composite	Nitrate + Nitrite as N	0.17	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2013/14-3	2/28/2014	Composite	Nitrate + Nitrite as N	4.6	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	ME-SCR	2013/14-4	4/23/2014	Composite	Nitrate + Nitrite as N	0.68	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	ME-SCR	2014/15-3	12/12/2014	Composite	Nitrate + Nitrite as N	8.9	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2010/11-1	10/6/2010	Grab	pH	7.85	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2010/11-1	10/6/2010	Grab	Temperature	17.4	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2010/11-1	10/7/2010	Composite	Ammonia as N	0.57	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2010/11-2	10/30/2010	Grab	pH	7.55	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2010/11-2	10/30/2010	Grab	Temperature	15.3	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2010/11-2	10/31/2010	Composite	Ammonia as N	0.33	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2010/11-4	2/16/2011	Grab	Temperature	14.4	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2010/11-4	2/17/2011	Composite	Ammonia as N	0.19	mg/L	EPA 350.1	0.048	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	MO-FIL	2010/11-5	4/28/2011	Grab	pH	7.83	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2010/11-5	4/28/2011	Grab	Temperature	16.7	°C	Field Meter		0.1	VCWPD
Dry	MO-FIL	2010/11-5	4/28/2011	Composite	Ammonia as N	0.17	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2011/12-1	10/5/2011	Grab	pH	7.2	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2011/12-1	10/5/2011	Grab	Temperature	18.9	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2011/12-1	10/6/2011	Composite	Ammonia as N	0.35	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2011/12-2	1/21/2012	Grab	pH	7.54	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2011/12-2	1/21/2012	Grab	Temperature	16.2	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2011/12-2	1/21/2012	Composite	Ammonia as N	0.42	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2011/12-3	3/17/2012	Grab	pH	7.6	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2011/12-3	3/17/2012	Grab	Temperature	16.3	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2011/12-3	3/18/2012	Composite	pH	7.23	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD
Wet	MO-FIL	2011/12-3	3/18/2012	Composite	Ammonia as N	0.34	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2011/12-4	5/22/2012	Grab	pH	8.04	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2011/12-4	5/22/2012	Grab	Temperature	18.8	°C	Field Meter		0.1	VCWPD
Dry	MO-FIL	2011/12-4	5/22/2012	Composite	Ammonia as N	0.21	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2011-DRY	8/17/2011	Grab	pH	7.73	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2011-DRY	8/17/2011	Grab	Temperature	19.7	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2012/13-2	11/17/2012	Grab	pH	7.62	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2012/13-2	11/17/2012	Grab	Temperature	16	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2012/13-2	11/18/2012	Composite	Ammonia as N	0.55	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2012/13-3	2/19/2013	Grab	Temperature	16	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2012/13-3	2/19/2013	Grab	pH	7.74	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2012/13-3	2/20/2013	Composite	Ammonia as N	0.49	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2012/13-4	3/7/2013	Grab	pH	7.9	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2012/13-4	3/7/2013	Grab	Temperature	15	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2012/13-4	3/8/2013	Composite	Ammonia as N	0.34	mg/L	EPA 350.1	0.048	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	MO-FIL	2012/13-5	4/23/2013	Grab	pH	7.37	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2012/13-5	4/23/2013	Grab	Temperature	17.7	°C	Field Meter		0.1	VCWPD
Dry	MO-FIL	2012/13-5	4/23/2013	Composite	Ammonia as N	0.42	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2012-DRY	8/15/2012	Grab	pH	7.81	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2012-DRY	8/15/2012	Grab	Temperature	21.1	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2013/14-1	12/7/2013	Composite	pH	8.1	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2013/14-1	12/7/2013	Composite	Temperature	11.1	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2013/14-1	12/8/2013	Composite	Ammonia as N	0.68	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2013/14-2	2/6/2014	Grab	pH	7.81	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2013/14-2	2/6/2014	Grab	Temperature	15.5	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2013/14-2	2/7/2014	Composite	Ammonia as N	0.83	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2013/14-3	2/27/2014	Grab	pH	7.7	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2013/14-3	2/27/2014	Grab	Temperature	14.5	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2013/14-3	2/28/2014	Composite	Ammonia as N	0.84	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2013/14-4	4/23/2014	Grab	pH	8.3	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2013/14-4	4/23/2014	Grab	Temperature	17.6	°C	Field Meter		0.1	VCWPD
Dry	MO-FIL	2013/14-4	4/23/2014	Composite	Ammonia as N	0.42	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2013-DRY	8/12/2013	Grab	pH	7.54	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2013-DRY	8/12/2013	Grab	Temperature	21	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2014/15-1	10/31/2014	Grab	pH	7.63	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2014/15-1	10/31/2014	Grab	Temperature	17.8	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2014/15-1	11/1/2014	Composite	Ammonia as N	0.66	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2014/15-2	12/2/2014	Grab	pH	7.2	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2014/15-2	12/2/2014	Grab	Temperature	15	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2014/15-2	12/3/2014	Composite	Ammonia as N	0.25	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-FIL	2014/15-3	12/12/2014	Grab	pH	7.77	pH Units	Field Meter		0.01	VCWPD
Wet	MO-FIL	2014/15-3	12/12/2014	Grab	Temperature	17	°C	Field Meter		0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	MO-FIL	2014/15-3	12/12/2014	Composite	Ammonia as N	0.16	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-FIL	2014-DRY	8/5/2014	Grab	pH	8.31	pH Units	Field Meter		0.01	VCWPD
Dry	MO-FIL	2014-DRY	8/5/2014	Grab	Temperature	21	°C	Field Meter		0.1	VCWPD
Wet	MO-FIL	2010/11-1	10/7/2010	Composite	Nitrate + Nitrite as N	1.2	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2010/11-2	10/31/2010	Composite	Nitrate + Nitrite as N	0.67	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2010/11-4	2/17/2011	Composite	Nitrate + Nitrite as N	0.68	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	MO-FIL	2010/11-5	4/28/2011	Composite	Nitrate + Nitrite as N	1.3	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2011/12-1	10/6/2011	Composite	Nitrate + Nitrite as N	1.3	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2011/12-2	1/21/2012	Composite	Nitrate + Nitrite as N	1.3	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2011/12-3	3/18/2012	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	MO-FIL	2011/12-4	5/22/2012	Composite	Nitrate + Nitrite as N	2.5	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2012/13-2	11/18/2012	Composite	Nitrate + Nitrite as N	1.6	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2012/13-3	2/20/2013	Composite	Nitrate + Nitrite as N	2	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2012/13-4	3/8/2013	Composite	Nitrate + Nitrite as N	1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	MO-FIL	2012/13-5	4/23/2013	Composite	Nitrate + Nitrite as N	2.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2013/14-2	2/7/2014	Composite	Nitrate + Nitrite as N	1.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2013/14-3	2/28/2014	Composite	Nitrate + Nitrite as N	1.3	mg/L	EPA 353.2	0.01	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Dry	MO-FIL	2013/14-4	4/23/2014	Composite	Nitrate + Nitrite as N	2.6	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2014/15-1	11/1/2014	Composite	Nitrate + Nitrite as N	2.8	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2014/15-2	12/3/2014	Composite	Nitrate + Nitrite as N	2	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-FIL	2014/15-3	12/12/2014	Composite	Nitrate + Nitrite as N	0.86	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2010/11-1	10/6/2010	Grab	Temperature	16.1	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2010/11-1	10/6/2010	Grab	pH	7.41	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2010/11-1	10/7/2010	Composite	Ammonia as N	1.3	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2010/11-2	10/30/2010	Grab	pH	7.51	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2010/11-2	10/30/2010	Grab	Temperature	14.8	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2010/11-2	10/30/2010	Composite	Ammonia as N	0.57	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2010/11-4	2/16/2011	Grab	Temperature	13.5	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2010/11-4	2/17/2011	Composite	Ammonia as N	0.31	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-SPA	2010/11-5	4/28/2011	Grab	pH	8.31	pH Units	Field Meter		0.01	VCWPD
Dry	MO-SPA	2010/11-5	4/28/2011	Grab	Temperature	15.2	°C	Field Meter		0.1	VCWPD
Dry	MO-SPA	2010/11-5	4/28/2011	Composite	Ammonia as N	ND	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2011/12-1	10/5/2011	Grab	pH	7.3	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2011/12-1	10/5/2011	Grab	Temperature	17.6	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2011/12-1	10/5/2011	Composite	Ammonia as N	0.81	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2011/12-2	1/21/2012	Grab	pH	7.38	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2011/12-2	1/21/2012	Grab	Temperature	14.1	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2011/12-2	1/21/2012	Composite	Ammonia as N	1	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2011/12-3	3/17/2012	Grab	pH	7.4	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2011/12-3	3/17/2012	Grab	Temperature	14.6	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2011/12-3	3/18/2012	Composite	pH	7.19	pH Units	SM 4500-H+ B	0.1	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	MO-SPA	2011/12-3	3/18/2012	Composite	Ammonia as N	0.56	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2012/13-2	11/17/2012	Grab	pH	7.42	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2012/13-2	11/17/2012	Grab	Temperature	15.2	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2012/13-2	11/18/2012	Composite	Ammonia as N	1.9	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2012/13-3	2/19/2013	Grab	pH	7.68	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2012/13-3	2/19/2013	Grab	Temperature	12.3	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2012/13-3	2/20/2013	Composite	Ammonia as N	1.4	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2012/13-4	3/7/2013	Grab	pH	7.24	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2012/13-4	3/7/2013	Grab	Temperature	14.8	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2012/13-4	3/8/2013	Composite	Ammonia as N	0.76	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2013/14-1	12/7/2013	Grab	pH	7.16	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2013/14-1	12/7/2013	Grab	Temperature	9.4	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2013/14-1	12/8/2013	Composite	Ammonia as N	2.7	mg/L	EPA 350.1	0.19	0.4	VCWPD
Wet	MO-SPA	2013/14-2	2/6/2014	Grab	pH	7.81	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2013/14-2	2/6/2014	Grab	Temperature	15.5	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2013/14-2	2/7/2014	Composite	Ammonia as N	1.3	mg/L	EPA 350.1	0.096	0.2	VCWPD
Wet	MO-SPA	2013/14-3	2/27/2014	Grab	pH	7.13	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2013/14-3	2/27/2014	Grab	Temperature	14.3	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2013/14-3	2/28/2014	Composite	Ammonia as N	0.64	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-SPA	2013/14-4	4/23/2014	Composite	Ammonia as N	0.4	mg/L	EPA 350.1	0.048	0.1	VCWPD
Dry	MO-SPA	2013-DRY	8/13/2013	Grab	pH	8.2	pH Units	Field Meter		0.01	VCWPD
Dry	MO-SPA	2013-DRY	8/13/2013	Grab	Temperature	18.9	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2014/15-1	11/1/2014	Composite	Ammonia as N	1.8	mg/L	EPA 350.1	0.096	0.2	VCWPD
Wet	MO-SPA	2014/15-2	12/2/2014	Grab	Temperature	14.7	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2014/15-2	12/2/2014	Grab	pH	6.26	pH Units	Field Meter		0.01	VCWPD
Wet	MO-SPA	2014/15-2	12/3/2014	Composite	Ammonia as N	0.25	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2014/15-3	12/12/2014	Grab	pH	7.49	pH Units	Field Meter		0.01	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	MO-SPA	2014/15-3	12/12/2014	Grab	Temperature	16.3	°C	Field Meter		0.1	VCWPD
Wet	MO-SPA	2014/15-3	12/12/2014	Composite	Ammonia as N	0.26	mg/L	EPA 350.1	0.048	0.1	VCWPD
Wet	MO-SPA	2010/11-1	10/7/2010	Composite	Nitrate + Nitrite as N	1.4	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2010/11-2	10/30/2010	Composite	Nitrate + Nitrite as N	1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2010/11-4	2/17/2011	Composite	Nitrate + Nitrite as N	0.6	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	MO-SPA	2010/11-5	4/28/2011	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2011/12-1	10/5/2011	Composite	Nitrate + Nitrite as N	1.8	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2011/12-2	1/21/2012	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2011/12-3	3/18/2012	Composite	Nitrate + Nitrite as N	0.6	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2012/13-2	11/18/2012	Composite	Nitrate + Nitrite as N	2.3	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2012/13-3	2/20/2013	Composite	Nitrate + Nitrite as N	1.2	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2012/13-4	3/8/2013	Composite	Nitrate + Nitrite as N	0.81	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2013/14-1	12/8/2013	Composite	Nitrate + Nitrite as N	1.7	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2013/14-2	2/7/2014	Composite	Nitrate + Nitrite as N	1.9	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2013/14-3	2/28/2014	Composite	Nitrate + Nitrite as N	1.1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Dry	MO-SPA	2013/14-4	4/23/2014	Composite	Nitrate + Nitrite as N	2.3	mg/L	EPA 353.2	0.01	0.1	VCWPD

Attachment 1: Data to Support Delisting and Impairment Evaluation

Event Type	Site	VCWPD Event ID	Sample Date	Sample Method	Constituent	Result	Units	Method	MDL	RL	Source
Wet	MO-SPA	2014/15-1	11/1/2014	Composite	Nitrate + Nitrite as N	2.9	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2014/15-2	12/3/2014	Composite	Nitrate + Nitrite as N	1	mg/L	EPA 353.2	0.01	0.1	VCWPD
Wet	MO-SPA	2014/15-3	12/12/2014	Composite	Nitrate + Nitrite as N	0.78	mg/L	EPA 353.2	0.01	0.1	VCWPD
*	403S05247	n/a	6/1/2010	Grab	Ammonia as N	ND	mg/L	SM 4500-NH3 H v21	0.01	0.02	CEDEN
*	403S05247	n/a	6/1/2010	Grab	pH	8.38	pH Units	Field Meter			CEDEN
*	403S05247	n/a	6/1/2010	Grab	Temperature	22.62	°C	Field Meter			CEDEN
*	403S05247	n/a	6/1/2010	Grab	Nitrate as N	0.25	mg/L	SM 4500-NO3 I v21	0.005	0.01	CEDEN
*	403S05247	n/a	6/1/2010	Grab	Nitrite as N	0.0042	mg/L	SM 4500-NO2 B v20	0.002	0.005	CEDEN

* Assumed to be dry weather samples based on weather data from CIMIS station #198 in Santa Paula

From:	Mutkowska, Ewelina
To:	Zhu, Jun@Waterboards
Cc:	Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Subject:	RE: Santa Clara River_Delisting of Ammonia
Date:	Monday, February 29, 2016 10:20:30 AM
Attachments:	image001.jpg

I requested the Excel files and will forward to you as soon as I receive it. Best, Ewelina

From: Zhu, Jun@Waterboards [mailto:Jun.Zhu@waterboards.ca.gov]
Sent: Monday, February 29, 2016 10:19 AM
To: Mutkowska, Ewelina <Ewelina.Mutkowska@ventura.org>
Cc: Nye, LB@Waterboards <LB.Nye@waterboards.ca.gov>; Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov>
Subject: RE: Santa Clara River_Delisting of Ammonia

Thanks, Ewelina. Yes, an Excel would be much more desirable and it would be much easier for us to check how the consultants did their work.

Thank you very much.

Jun

Jun Zhu, Ph.D.
TMDL & Standards Unit
California Environmental Protection Agency
Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013, USA
Tel: (213) 576-6681
Fax: (213) 576-6686
Email: jzhu@waterboards.ca.gov
Web: www.waterboards.ca.gov/losangeles

From: Mutkowska, Ewelina [mailto:Ewelina.Mutkowska@ventura.org]
Sent: Monday, February 29, 2016 10:17 AM
To: Zhu, Jun@Waterboards
Cc: Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Subject: RE: Santa Clara River_Delisting of Ammonia

Jun,

I have MS Word file handy… if this doesn't work, please let me know and I will request an Excel from our consultant.

Ewelina

Ewelina Mutkowska
Stormwater Program Manager
County of Ventura Public Works Agency
(805) 645-1382
Fax (805) 654-3350
ewelina.mutkowska@ventura.org

From: Zhu, Jun@Waterboards [mailto:Jun.Zhu@waterboards.ca.gov]
Sent: Monday, February 29, 2016 10:08 AM
To: Mutkowska, Ewelina <Ewelina.Mutkowska@ventura.org>
Cc: Nye, LB@Waterboards <LB.Nye@waterboards.ca.gov>; Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov>
Subject: FW: Santa Clara River_Delisting of Ammonia

Good morning Ewelina,

A recent request for delisting was forwarded to me and I was wondering if it is possible for me to get the data in the Excel format that was used to support the request for delisting as listed in the letter (attached). Please also include any calculations in the spreadsheet used to determine the concentrations of Ammonia found in Santa Clara River Reach 3.

Thank you very much.

Jun

Jun Zhu, Ph.D.
TMDL & Standards Unit
California Environmental Protection Agency
Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013, USA
Tel: (213) 576-6681
Fax: (213) 576-6686
Email: jzhu@waterboards.ca.gov
Web: www.waterboards.ca.gov/losangeles

From: Newman, Jenny@Waterboards
Sent: Monday, October 05, 2015 10:29 AM
To: Zhu, Jun@Waterboards; Wang, Kangshi@Waterboards
Subject: FW: Santa Clara River_Delisting of Ammonia

I'm not sure what to do with this info. Do you guys or does State Board have a filing system for these

types of requests?

Jenny

From: Newman, Jenny@Waterboards
Sent: Wednesday, August 26, 2015 5:58 PM
To: Newman, Jenny@Waterboards
Subject: FW: Santa Clara River_Delisting of Ammonia

From: Serr, Cheryl [mailto:Cheryl.Serr@ventura.org]
Sent: Wednesday, June 10, 2015 12:23 PM
To: Unger, Samuel@Waterboards; Purdy, Renee@Waterboards; Newman, Jenny@Waterboards; WB-RB4-losangeles
Cc: Hubner, Gerhardt; Mutkowska, Ewelina; rigol@ci.fillmore.ca.us; davidb@ci.fillmore.ca.us; Yanez, Brian; mvconsulting1@gmail.com; mlapraik@cilfillmore.ca.us; chernandez@spcity.org; AshliD@lwa.com
Subject: Santa Clara River_Delisting of Ammonia

Mr. Unger:

On behalf of Gerhardt Hubner, Deputy Director of the VC Watershed Protection District, Rigo Landeros, Public Works Director of the City of Fillmore, and Brian Yanez, Public Works Director of the City of Santa Paula, attached is a signed letter requesting delisting of ammonia and demonstration of absence of nitrogen compounds in the Santa Clara River Reach 3.

If you have any questions, please feel free to contact Mr. Hubner at (805) 654-5051.

Respectfully,
Cheryl Serr
Management Assistant
800 S. Victoria Ave.
Ventura, CA 93009-1610
(805) 645-1321

WPD

From:	Mutkowska, Ewelina
To:	Zhu, Jun@Waterboards
Cc:	Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Subject:	RE: Santa Clara River_Delisting of Ammonia
Date:	Tuesday, March 08, 2016 4:05:58 PM
Attachments:	Reach 3 Ammonia Delisting Data.xlsx

Jun,

Per your request, attached is excel spreadsheet with data supporting our request for delisting of ammonia/nitrogen for Santa Clara River Reach 3.

If you have any questions or need additional information, please let me know.

Best, Ewelina

Ewelina Mutkowska
Stormwater Program Manager
County of Ventura Public Works Agency
(805) 645-1382
Fax (805) 654-3350
ewelina.mutkowska@ventura.org

From: Zhu, Jun@Waterboards [mailto:Jun.Zhu@waterboards.ca.gov]
Sent: Monday, February 29, 2016 10:08 AM
To: Mutkowska, Ewelina <Ewelina.Mutkowska@ventura.org>
Cc: Nye, LB@Waterboards <LB.Nye@waterboards.ca.gov>; Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov>
Subject: FW: Santa Clara River_Delisting of Ammonia

Good morning Ewelina,

A recent request for delisting was forwarded to me and I was wondering if it is possible for me to get the data in the Excel format that was used to support the request for delisting as listed in the letter (attached). Please also include any calculations in the spreadsheet used to determine the concentrations of Ammonia found in Santa Clara River Reach 3.

Thank you very much.

Jun

Jun Zhu, Ph.D.
TMDL & Standards Unit
California Environmental Protection Agency

Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013, USA
Tel: (213) 576-6681
Fax: (213) 576-6686
Email: jzhu@waterboards.ca.gov
Web: www.waterboards.ca.gov/losangeles

CD Contains:

Data Supporting Delisting of Ammonia/Nitrogen for Santa Clara River Reach 3

From: Westfall, Josh
To: Zhu, Jun@Waterboards
Subject: RE: Request for Clarification - Proposed Updates to the 303(d) List
Date: Friday, February 10, 2017 10:17:36 AM
Attachments: image001.png

I hope this is my final need for clarification.

It appears that Rio Hondo Reach 2, toxicity, should also be in Appendix A. Is this correct?

From: Westfall, Josh
Sent: Friday, February 10, 2017 10:01 AM
To: 'Zhu, Jun@Waterboards'
Subject: RE: Request for Clarification - Proposed Updates to the 303(d) List

Jun,

Thank you for your time; your explanation was extremely helpful. Could you take a look at San Jose Creek Reach 1 (SG Confluence to Temple St.)? Appendix A does not show this as being recommended for a new listing, but it is listed as a new listing in Appendix G.

Josh

From: Zhu, Jun@Waterboards [mailto:Jun.Zhu@waterboards.ca.gov]
Sent: Thursday, February 09, 2017 4:25 PM
To: Westfall, Josh; Nye, LB@Waterboards
Cc: Markle, Phil; Munakata, Naoko
Subject: RE: Request for Clarification - Proposed Updates to the 303(d) List

Hi Josh,

I left a voice message around 3 pm today. Basically, there is no conflict between Appendix A and Appendix G because Appendix A only tracks changes made to the previous 303(d) list. Since Coyote Creek Zinc was already delisted in the previous listing cycle and remains delisted in the current listing cycle, no "new listing" or "new delisting" was made for it in Appendix A. But, the delisting decisions (previous and current) are reflected in Appendix G.

Hope this helps. Let me know if you have any questions.

Jun

Jun Zhu, Ph.D.
TMDL & Standards Unit
California Environmental Protection Agency
Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200

Los Angeles, CA 90013, USA
Tel: (213) 576-6681
Fax: (213) 576-6686
Email: jzhu@waterboards.ca.gov
Web: www.waterboards.ca.gov/losangeles

From: Westfall, Josh [mailto:jwestfall@lacsd.org]
Sent: Thursday, February 09, 2017 12:30 PM
To: Zhu, Jun@Waterboards; Nye, LB@Waterboards
Cc: Markle, Phil; Munakata, Naoko
Subject: Request for Clarification - Proposed Updates to the 303(d) List

Hi Dr. Zhu,
We have noticed some apparent conflict between documents released yesterday regarding the proposed revisions to the 303(d) list for the Los Angeles Region. Specifically, the table of proposed updates (Appendix A) does not match the Fact Sheets summary (Appendix G). For example, three different source documents (Appendix A, Appendix G "New or Revised Fact Sheets" Summary, Appendix G Coyote Creek Zinc Supporting Information). Please advise as to which source should be followed. Thank you.

Table 1. Coyote Creek New Delistings, by Source Document

Appendix A	Fact Sheet Summary	Fact Sheet
Ammonia	Zinc	Zinc
Lead		Lead
		Ammonia

JOSHUA D. WESTFALL, BCES | Environmental Scientist | Reuse & Compliance Section | 562.908.4288 x2815
SANITATION DISTRICTS OF LOS ANGELES COUNTY | 1955 Workman Mill Rd. Whittier, CA 90601
Converting Waste Into Resources | www.LACSD.org

From: jweiner.venturacoastkeeper@gmail.com
To: Wang, Kangshi@Waterboards
Cc: Zhu, Jun@Waterboards; Nye, LB@Waterboards
Subject: Re: VCK 303(d) Data 7 of X Fwd: Ormond lagoon water quality analysis results
Date: Monday, March 6, 2017 9:05:16 PM
Attachments: image001.jpg
~WRD000.jpg

Dear Kangshi,

Thank you for confirming receipt. Before we submit comments, can we schedule a call in the next week to discuss what the Regional Board learned about what happened to our submission?

Best of Regards,

Jason

On Mon, Mar 6, 2017 at 3:14 PM, Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov> wrote:

> Dear Jason,
>
> I have received seven emails from you. Please also make sure to address an official letter to us following the requirement in the attached letter by 5:00 pm on March 30, 2017. We will respond your comments and concerns. Thank you.
>
> Kangshi (Kenny) Wang, Ph.D.
>
> Water Resources Control Engineer
>
> Regional Water Quality Control Board, Los Angeles Region
>
> 320 W. 4th Street, Suite 200
>
> Los Angeles, CA 90013
>
> Phone: (213) 576-6780
>
> **From:** jweiner.venturacoastkeeper@gmail.com [mailto:jweiner.venturacoastkeeper@gmail.com]

On Behalf Of Jason Weiner
Sent: Monday, March 6, 2017 1:01 PM
To: Zhu, Jun@Waterboards <Jun.Zhu@waterboards.ca.gov>; Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov>
Subject: Fwd: VCK 303(d) Data 7 of X Fwd: Ormond lagoon water quality analysis results

Dear Kangshi,

Real good talking with you this morning and thanks for your time, work, and assistance with this matter. Attached in the next 7 emails is Wishtoyo Foundation's and our Ventura Coastkeeper Program's August 30, 2010 303(d) submission to the State Water Resources Control Board. Please confirm receipt of each of these emails, and that the Regional Board will be corresponding with the SWRCB as soon as possible to determine what happened to our data/submission and why the Draft 2016 Section 303(d) and 305(b) Integrated Report for public review does not contain any proposed update/listings based on our August 30, 2010 submission.

This is email 7 of X.

My very best,

Jason

---------- Forwarded message ----------
From: **Jason Weiner** <jweiner.venturacoastkeeper@wishtoyo.org>
Date: Tue, Aug 31, 2010 at 12:19 AM
Subject: VCK 303(d) Data 7 of X Fwd: Ormond lagoon water quality analysis results
To: jshu@waterboards.ca.gov

---------- Forwarded message ----------
From: <Praskins.Wayne@epamail.epa.gov>
Date: Mon, Aug 30, 2010 at 3:12 PM
Subject: Re: Ormond lagoon water quality analysis results
To: jweiner.venturacoastkeeper@wishtoyo.org
Cc: JSHU@waterboards.ca.gov

Jason -

As requested, attached are preliminary results of water quality analyses completed by EPA and its contractors in Nov 2009 as part of our investigations at the Halaco Superfund site in Oxnard, CA. You indicated that you may submit these data to the State or Regional Board in connection with the CWA 303(d) program. The results are for metals and general chemistry (which includes nitrate); we did not analyze for pesticides or other nutrients. The samples were collected after a significant storm, and may reflect dilution from rainfall.

Sampling locations include the lower portion of the Oxnard Industrial Drain (OID), the lagoon into which the OID drains (LAG), the J St Drain which also feeds the lagoon (JSD), the ditch south of the Halaco waste pile (WMU), the Hueneme Drain (HUD), and the ocean (OCE).

As I explained on the phone, the results have not been fully reviewed or validated and are subject to change. Note that many of the results have preliminary data qualifiers such as "J" (estimated value) and/or "U" (not detected).

For approximate sample locations and explanation of other abbreviations, see the 9/01/09 Field Sampling Plan (available on EPA's website at http://www.epa.gov/region9/halaco under the heading "Technical Documents").

The results are as follows.

Metals
MY5H56
MY5H57
MY5LR6
MY5LR7

Nitrate

9322A

We also sampled surface water in 2/10, but those samples were collected when the beach berm had breached and reflect mixing of fresh and seawater. Please email or call with any questions.

Wayne Praskins
Project Manager
USEPA Superfund Program
75 Hawthorne Street
San Francisco, CA 94105

(415) 972-3181

From:	"Jason" <jweiner.venturacoastkeeper@wishtoyo.org>
To:	Wayne Praskins/R9/USEPA/US@EPA
Date:	08/24/2010 08:56 AM
Subject:	Ormond lagoon water quality analysis results
Sent by:	Jason Weiner <jweiner.venturacoastkeeper@gmail.com>

Dear Wayne,

Hope all is well. I'm working on a 303d water quality project for the Ormond Beach Wetlands Lagoon and was wondering if you had any water column or sediment pesticides, metals, or other data you could share with Ventura Coastkeeper.

Thanks and Best of Regards,

Jason
Sent from my Verizon Wireless BlackBerry

--
Jason A. Weiner
Associate Director & Staff Attorney
Ventura Coastkeeper

3875-A Telegraph Road, #423
Ventura, CA 93003

Office: (805) 658-1120
Cell: (805) 823-3301
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jweiner.venturacoastkeeper@wishtoyo.org

--

Jason A. Weiner | General Counsel, Water Initiative Director

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www.wishtoyo.org

Image removed by sender.

Wishtoyo's Water Initiative Page

Wishtoyo's Chumash Village Page

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 Wishtoyo's Chumash Village Page

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CD Contains:

Ventura Coastkeeper Water Quality Data and Information for 2012 California Integrated Report [Clean Water Act Sections 305(b) and 303(d)]

Wang, Kangshi@Waterboards

From: Markle, Phil <PMarkle@lacsd.org>
Sent: Wednesday, March 22, 2017 12:06 PM
To: Zhu, Jun@Waterboards
Cc: Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Subject: RE: Meeting Tomorrow

Certainly, and thank you for the time and all your efforts.

List of attendees:

Ann Heil, Division Engineer
Naoko Munakata, Supervising Engineer
Phil Markle, Senior Environmental Scientist
Josh Westfall, Environmental Scientist

PHILIP MARKLE BCES | Environmental Scientist | Monitoring Section | 562.908.4288 x2808
SANITATION DISTRICTS OF LOS ANGELES COUNTY | 1955 Workman Mill Road, Whittier, CA 90601
Converting Waste Into Resources | www.LACSD.org

From: Zhu, Jun@Waterboards [mailto:Jun.Zhu@waterboards.ca.gov]
Sent: Wednesday, March 22, 2017 12:02 PM
To: Markle, Phil
Cc: Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Subject: RE: Meeting Tomorrow

Hi Phil,

Thanks again for meeting with us today.

For our administrative record keeping purposes, could you please provide a list of the names and titles of all meeting attendees from your agency?

Thank you very much.

Jun

Jun Zhu, Ph.D.
TMDL & Standards Unit
California Environmental Protection Agency
Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013, USA
Tel: (213) 576-6681
Fax: (213) 576-6686
Email: jzhu@waterboards.ca.gov
Web: www.waterboards.ca.gov/losangeles

From: Markle, Phil [mailto:PMarkle@lacsd.org]
Sent: Tuesday, March 21, 2017 10:55 AM
To: Zhu, Jun@Waterboards; Nye, LB@Waterboards; Wang, Kangshi@Waterboards
Cc: Munakata, Naoko; Heil, Ann; Westfall, Josh
Subject: Meeting Tomorrow

Thank you again for discussing with us and agreeing to meet. We will be there at 10:00 and I don't think it will take more than hour. Jun will be sending me a map of the reach delineations and we will bring our handouts to make sure we using the same reach designations.

See you tomorrow.

Phil

PHILIP MARKLE BCES | Environmental Scientist | Monitoring Section | 562.908.4288 x2808
SANITATION DISTRICTS OF LOS ANGELES COUNTY | 1955 Workman Mill Road, Whittier, CA 90601
Converting Waste Into Resources | www.LACSD.org

Wang, Kangshi@Waterboards

From: Jason Weiner <jweiner.venturacoastkeeper@gmail.com>
Sent: Thursday, March 23, 2017 4:49 PM
To: Wang, Kangshi@Waterboards
Cc: Jason Weiner; Zhu, Jun@Waterboards; Nye, LB@Waterboards
Subject: Re: Meeting with RB staff at 3 pm at LARWQCB's office on March 23, 2017

Thanks so much Kangshi, Jun, and LB! Greatly appreciate this, and our meeting.

My best,

Jason

On Mar 23, 2017, at 4:34 PM, Wang, Kangshi@Waterboards <Kangshi.Wang@waterboards.ca.gov> wrote:

> Hi Jason,
>
> We are glad to meet you at our office. We will respond your comments and concerns when we receive your official letter by deadline (March 30, 2017 by 5 p.m. PDT)regarding the 303(d) list of impaired waterbodies mentioned in your letter (dated August 30, 2010). Attached is the summary of these listings. In addition, the State Water Board listing policy is also attached.
>
> Wish you have a nice and safe trip to Africa.
>
> Sincerely,
>
> Kangshi (Kenny) Wang, Ph.D.
> Water Resources Control Engineer
> Regional Water Quality Control Board, Los Angeles Region
> 320 W. 4th Street, Suite 200
> Los Angeles, CA 90013
> Phone: (213) 576-6780
>
> <These are the listings VCK specifically asked for_1.docx>
> <State Board Listing Policy_2015.pdf>

Wang, Kangshi@Waterboards

Subject: FW: Meeting with City of LA Sanitation Bureau, comments on 303(d)
Location: Los Angeles River Conference Room

Start: Thu 5/18/2017 12:00 PM
End: Thu 5/18/2017 1:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Zhu, Jun@Waterboards

-----Original Appointment-----
From: Zhu, Jun@Waterboards
Sent: Wednesday, May 10, 2017 10:57 AM
To: Zhu, Jun@Waterboards; Purdy, Renee@Waterboards; Nye, LB@Waterboards (LB.Nye@waterboards.ca.gov)
Subject: Meeting with City of LA Sanitation Bureau, comments on 303(d)
When: Thursday, May 18, 2017 12:00 PM-1:00 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Los Angeles River Conference Room

Hi Renee and LB,

Chris Minton from Larry Walker called this morning and he would like to set up a meeting for us and the LA City Sanitation Bureau to go over some of their comments on our 303(d) list. I checked your calendars and told him this meeting schedule would work.

The external meeting attendees are:

- Shahram Kharaghani (LASAN Watershed Protection Division)
- Jon Ball (LASAN Watershed Protection Division)
- Hassan Rad (LASAN Regulatory Affairs Division)
- Steve Nakaido (LASAN Regulatory Affairs Division)
- Chris Minton (Larry Walker Associates)

I booked the LA River Conference Room and will get a laptop and projector just in case.

Hope this schedule works for you.

Jun