

REGIONAL FLOOD CONTROL DISTRICT



NOTICE OF PUBLIC MEETING

LAS VEGAS VALLEY NPDES STORMWATER DISCHARGE PERMIT STORMWATER QUALITY MANAGEMENT COMMITTEE

FEBRUARY 9, 2021
11:00 A.M.

On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the emergency is declared. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Las Vegas Valley NPDES Stormwater Discharge Permit Stormwater Quality Management Committee on February 9, 2021.

The meeting of the Stormwater Quality Management Committee will be available to livestream at the following link: <https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream/>.

Additionally, the Regional Flood Control District encourages citizen participation at its public meetings and will be accepting public comment via email. **Public comments relating to the Las Vegas Valley NPDES Stormwater Discharge Permit Stormwater Quality Management Committee may be submitted via email to publiccomment@regionalflood.org.** Please make sure to include your name and the agenda item number you wish to comment on. Also, please indicate if you would like your comment read on the record as part of the record or just added to the backup for the record. Only the first 500 words of comments submitted to be read into the record will be read aloud. The remaining words will be included in the written record.

This agenda, including the supporting materials, is available at the Regional Flood Control District's website, <https://www.regionalflood.org>; or by contacting Deanna Hughes through mail at 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106, by calling (702) 685-0041, or by email at DHughes@regionalflood.org.

In accordance with the State of Nevada Executive Department's Declaration of Emergency, Directive 006, which includes exceptions to Open Meeting Law, it is hereby noted that this meeting agenda has been properly noticed and posted at the following locations:

Regional Flood Control District
Website
www.regionalflood.org

Nevada Public Notice
<https://notice.nv.gov>

By: Tammy D. McMahan



**LAS VEGAS VALLEY NPDES STORMWATER DISCHARGE PERMIT
STORMWATER QUALITY MANAGEMENT COMMITTEE (SQMC)**

MEETING AGENDA

**Tuesday February 9, 2021
11:00 A.M.**

- Items on the agenda may be taken out of order.
- The Stormwater Quality Management Committee may combine two or more agenda items for consideration.
- The Stormwater Quality Management Committee may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

1. Call to Order

2. **Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the emergency is declared. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Las Vegas Valley NPDES Stormwater Discharge Permit Stormwater Quality Management Committee on February 9, 2021.

In accordance with the Notice of Public Meeting, public comment was accepted via email to publiccomment@regionalflood.org. Those comments will be read into the record and will become part of the written record.

3. Action to approve the agenda (*For possible action*)
4. Action to approve the minutes of the November 10, 2020 meeting (*For possible action*)
5. Action to accept a presentation and receive an update on proposed water quality standards for the Las Vegas Wash for selenium (*For possible action*)

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6. Action to accept a presentation and receive an update on the regional detention basin program *(For possible action)*
7. Discuss FY 19/20 quarterly progress reports and take action as deemed appropriate *(For possible action)*
 - a. Public outreach and education
 - b. Construction inspection program
 - c. Structural and source control measures: inlet cleaning, street sweeping and detention basin cleaning
 - d. Illicit discharge detection and elimination program
 - e. Industrial site inspection program
 - f. New development and significant redevelopment program
 - g. Regional detention basin program
 - h. Annual expenditures for the reporting period, with a breakdown for the major elements of the SWMP, and the budget for the year following each Annual Report
8. Discuss monitoring activities and issues and take action as deemed appropriate *(For possible action)*
 - Dry weather monitoring
 - Wet weather monitoring
9. Discuss Nevada Division of Environmental Protection issues and take action as deemed appropriate *(For possible action)*
10. Discuss other stakeholder issues and take action as deemed appropriate *(For possible action)*
 - Nevada Department of Transportation
 - Nellis Air Force Base
 - Other
11. Discuss items for next SQMC agenda
12. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Stormwater Quality Management Committee will be held. No vote may be taken on a matter not listed on the posted agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the

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emergency is declared. In accordance with the Notice of Public Meeting, public comment was accepted via email. Those comments will be read into the record and will become part of the written record.

All comments by speakers should be relevant to the Stormwater Quality Management Committee action and jurisdiction.

**LAS VEGAS VALLEY
NPDES STORMWATER DISCHARGE PERMIT
STORMWATER QUALITY MANAGEMENT COMMITTEE
(SQMC)**

Meeting Minutes

Date: Tuesday, November 10, 2020
 Time: 11:00 A.M.
 Location: Video Conference Call
 Attendees:

Stormwater Quality Management Committee Permittee Representatives					
Steve Parrish, CCRFCD	X	Mark Sorenson, CLV	X	Dale Daffern, CNLV	X
Tom Davy, COH	X	Jimmy Floyd, CC			
Permittee Staff Members					
John Tennert, CCRFCD		John Solvie, CLV		Robert McLaughlin, CNLV	
Joe Leedy, CC		Sherri McMahon CLV		Andrew Trelease, CCRFCD	
Al Jankowiak, COH		Michael Todd, CCRFCD		Tammy McMahan, CCRFCD	
Other Attendees (Based on the Sign-In Sheet)					
Andrew Dixon, NDEP		Catherine LaBounty, HDR		Paul Comba, NDEP	
Jennifer Carr, NDEP		Xiaoping Zhou, SNWA		Alex Mayorga, NDEP	
Elizabeth Kingsland NDEP		Angela MacKinnon, HDR		Todd Tietjen, SNWA	
Tammy McMahon CCRFCD		Jason Perock, NDOT			

1. Call to Order.

The meeting was called to order by Steve Parrish, CCRFCD. A quorum was present.

2. Comments by the General Public about the Current Agenda.

On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. In accordance with the Notice of Public Meeting, public comments were accepted via email. The meeting was properly posted to the general public and the email provided was monitored prior to and during the meeting for comments. No comments received.

3. Action to Approve the Agenda.

A typo in item 8, FY 2020 was posted, and updated to FY 2021, the proposed agenda was approved.

4. Action to Approve the Minutes of the August 11, 2020 Meeting.

The meeting minutes from the August 11, 2020 SQMC meeting were approved.

5. Action to receive a presentation and receive an update on the Proposed Water Quality Standards for the Las Vegas Wash for Selenium.

John Tennert, Clark County Regional Flood Control District (CCRFC), provided a presentation about the Proposed Water Quality Standards for the Las Vegas Wash for Selenium. The CCRFC has met with the Nevada Division of Environmental Protection (NDEP) on 3 occasions to discuss establishing site specific criteria based on historical studies that have been completed. NDEP has concurred that the information provided is adequate to develop a site based criteria. A meeting has been set for November 19, 2020 with the U.S. Environmental Protection Agency (EPA) to present the findings on fish and selenium in Las Vegas Wash. The objective of the meeting is to confirm that CCRFC can move forward with establishing site-based criteria using the existing data. John Tennert will provide an update on the results of the meeting at the next SQMC meeting. Dale Daffern, City of North Las Vegas (CNLV), wanted to confirm about the 3-year period wavier for the Las Vegas Wash. John Tennert confirmed that is still correct.

6. Action to accept a presentation and receive an update on regional water quality monitoring.

Xiaoping Zhou, Southern Nevada Water Authority (SNWA), presented the long-term dry weather monitoring data. The dry weather monitoring program started in 2000, and it has now collected 20 years of data. The program measures the impact from different components from urban runoff, which contributes to 7-8% of the water in the Las Vegas Wash. Monitoring is performed at 6 major tributaries: Flaming Wash, Las Vegas Wash, Duck Creek, Sloan Channel, Monson Channel, and Burns Street Channel. Contaminants of concern are sampled on a quarterly basis. The sampling includes parameters such as conductance, pH, metals, selenium, nitrogen, total dissolved solids, total suspended solids, fluoride, bromide, and others. The flow is measured in the 6 tributaries so that SNWA can quantify the mass loading rate. The Las Vegas Valley generates 13 million gallons per day (MGD) from major tributaries, where 90% is from Duck Creek, Flaming Wash, and the Las Vegas Wash. The remaining 10% is from other tributaries.

The source of some contaminants can be identified such as the high total dissolved solids (TDS) concentration in Duck Creek due to urban runoff. Arsenic and Chromium concentrations are higher in Burns Street and Duck Creek due to industrial sites in the area. Bacteria can be very unpredictable, depending on the time and the season. *E. Coli* and Fecal Coliform are found in low concentrations and are typically due to wildlife activities.

Selenium is naturally occurring in the soils and is a nonpoint source pollutant. Selenium concentrations in the tributaries are less than 5 mg/L, which is the contaminant being currently established as a site-based criterion with the EPA. Selenium mostly comes from Duck Creek, (approximately 50%) as well as from the Flaming Wash, and the Las Vegas Wash. Boron is another contaminant being monitored because it is important to vegetation.

Dale Daffern, CNLV, asked if Selenium combines with other solids, or is it measured as part of the TDS. Xiaoping explained that it is part of the TDS, but it is also measured individually. The total and dissolved selenium concentrations are provided.

John Tennert asked if there is anything over the 20 years that stands out as a concern. Xiaoping responded that the concentrations are stable.

7. Discuss an update on new permitting requirements for impacts to water of the State as introduced by NDEP at the August 11, 2020 SQMC meeting

Steve Parrish, CCRFCD, drafted a letter to Jennifer Carr, NDEP, regarding concerns with the proposed new permitting process. Steve Parrish has provided the email response to local stakeholders, and is anticipating a formal response. The email indicated that Jennifer Carr seems willing to work with stakeholders in the Las Vegas Valley. The CCRFCD will need to set a meeting with Jennifer Carr to discuss interim projects. Purpose of this item is to let everyone know that the discussion has begun, and anyone interested in being involved may reach out to discuss concerns. Jennifer stated that they are open to beginning of discussion and open to answer any questions.

8. Discuss FY 20/21 Quarterly Progress Reports and take action as deemed appropriate.

- a. Public outreach and education
- b. Construction inspection program
- c. Structural and source control measures: inlet cleaning, street sweeping, and detention basin clearing
- d. Illicit discharge detection and elimination program
- e. Industrial site inspection program
- f. New development and significant redevelopment program
- g. Regional detention basin program
- h. Annual expenditures for the reporting period, with a breakdown for the major elements of the SWMP, and the budget for the year following each Annual Report

The Permittees held a successful online contractor training on October 28, 2020. The Annual Report was completed on time and submitted to the State.

9. Discuss monitoring activities and issues and take action as deemed appropriate.

The rain event that occurred in October was not enough for sampling. No changes are anticipated for the next year. Information about the program is available upon request.

10. Discuss Nevada Division of Environmental Protection issues and take action as deemed appropriate.

Andrew Dixon, NDEP, shared that NDEP is working on the permits and will present them when ready. Andrew stated that the new MS4 permit may be available as soon as December. Senior management with

NDEP are currently doing a final review before it will be shared with the Permittees.

11. Discuss other stakeholder issues and take action as deemed appropriate.

Nevada Department of Transportation (NDOT), Nellis Air Force Base, and other stakeholders had no issues to report.

Nellis has an updated contact to receive information about monitoring and outreach after audit with NDEP.


NDOT is dealing with COVID-19 travel restrictions.

12. Discuss items for next SQMC agenda.

The next SQMC meeting will be held Tuesday, February 9, 2021 at 11:00 AM.

13. Comments by the General Public about Other Matters Pertinent to the SQMC

There were no comments from the general public.



John Tennert
Environmental Mitigation Manager

If you have any comments or corrections to these meeting minutes, please contact John Tennert, (702) 685-0000 or jtennert@regionalflood.org.