

REGIONAL FLOOD CONTROL DISTRICT



NOTICE OF PUBLIC MEETING

LAS VEGAS VALLEY NPDES STORMWATER DISCHARGE PERMIT STORMWATER QUALITY MANAGEMENT COMMITTEE

AUGUST 11, 2020
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. 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 August 11, 2020.

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: Deanna Hughes
Deanna Hughes

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. 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.



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

MEETING AGENDA

Tuesday August 11, 2020

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. 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.

3. Action to approve the agenda (*For possible action*)

4. Action to appoint a Chair and Vice-Chair of the Stormwater Quality Management Committee (*For possible action*)

5. Action to approve the minutes of the February 11, 2020 meeting (*For possible action*)

6. Action to accept a presentation and receive an update on proposed water quality standards for the Las Vegas Wash for selenium *(For possible action)*
7. Action to accept a presentation and receive an update on the implementation of the new definition of “waters of the United States” rule *(For possible action)*
8. 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
9. Discuss monitoring activities and issues and take action as deemed appropriate *(For possible action)*
 - Dry weather monitoring
 - Wet weather monitoring
10. Discuss Nevada Division of Environmental Protection issues and take action as deemed appropriate *(For possible action)*
11. Discuss other stakeholder issues and take action as deemed appropriate *(For possible action)*
 - Nevada Department of Transportation
 - Nellis Air Force Base
 - Other
12. Discuss items for next SQMC agenda
13. **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

Stormwater Quality Management Committee Agenda
August 11, 2020
Page 3

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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, February 11, 2020
 Time: 11:00 A.M.
 Location: Clark County Regional Flood Control District, Conference Room #108

Attendees:

Stormwater Quality Management Committee Permittee Representatives					
Steve Parrish, CCRFCD	X	Steve Ford, CLV	X	Joemel Llamado, CNLV	
Ed McGuire, COH	X	Jimmy Floyd, CC			
Permittee Staff Members					
Andrew Trelease, CCRFCD		John Solvie, CLV		Joe Leedy, CC	
John Tennert, CCRFCD		Al Jankowiak, COH		Sherri McMahon, CLV	
Other Attendees (Based on the Sign-In Sheet)					
Angela MacKinnon, HDR		Alisson Boeing, HDR		Todd Tietjen, SNWA	
Alex Mayorga, NDEP		Michael Atkin, Nellis		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.**
No comments received.
3. **Action to Approve the Agenda.**
The proposed agenda was approved.

4. **Action to Approve the Minutes of the November 12, 2019 Meeting.**
The meeting minutes from the November 12, 2019 SQMC meeting were approved.

5. **Receive a presentation on the extended detention basin program for stormwater quality.**

Angela MacKinnon (HDR) provided a presentation about the Las Vegas Valley Detention Basin program. The presentation included information about the unique factors in the Las Vegas Valley, including that the Las Vegas Valley is the driest large MS4 in the nation with annual rainfall of 4.2 inches and around 6-11 runoff events per year. Angela explained that there are 10 watersheds within the MS4 permit area and increasing development within the Las Vegas Valley watersheds intensifies the demand on regional detention basins. From 2014 to 2019, five detention basins were constructed increasing the Water Quality Capture Volume (WQCV) by 51 acre-feet (AF) and three were expanded increasing the WQCV by 114 AF. In 2020, Silverado Ranch, Vandenberg North, and Moccasin Outfall Detention Basin #2 are planned to be under construction. Angela informed the Committee that a Draft Technical Memorandum for the Detention Basin program was distributed to the Permittees and the next steps are to meet with them to discuss the stormwater quality volume, detention basin candidates for retrofitting, and detention basins that function as stormwater features.

6. **Receive an update on proposed water quality standards for the Las Vegas Wash for selenium.**

John Tennert (CCRFCDD) gave an update on proposed water quality standards for the Las Vegas Wash for selenium. John informed the Committee that selenium is naturally present in the soils of Las Vegas Valley and it dissolves in groundwater, which seeps into drainage channels. He said that they expect to work closely with NDEP over the next three years to do what is necessary to keep the Las Vegas Wash in compliance with the proposed selenium standards. John explained that the District is currently interviewing firms with experience in water quality and ecotoxicology to assist with the development of the appropriate standards. The existing standards for selenium for the support of aquatic life in the Las Vegas Wash, NAC 445A.2156 and NAC 445A.2158, are 20 µg/L (1 hour average) and 5 µg/L (96 hour average) until a site-specific value is adopted or December 31, 2022.

7. **Discuss FY 19/20 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 reported their Quarter 2 progress on 2019-2020 NPDES MS4 Permit objectives in the cumulative tracking worksheet. The Permittees have met or are on track to meet the annual objectives. A stormwater educational video was presented.

- 8. **Discuss monitoring activities and issues and take action as deemed appropriate.**
Todd Tietjen (SNWA) reported an outlier result for copper that was higher than expected. Todd is putting together a 2-year dry weather comparison data presentation. Angela MacKinnon (HDR) briefly presented the lab results (Wet Weather) for November 20, 2019 and November 28, 2019. Angela noted that there were some slightly elevated results for certain parameters. However, the results of these parameters remain similar to the historical range. Dissolved selenium was included in the analyzed constituents for the current MS4 permit year (2019-2020).
- 9. **Discuss Nevada Division of Environmental Protection issues and take action as deemed appropriate.**
Alex Mayorga (NDEP) informed that the MS4 Permit is in Carson City for review.
- 10. **Discuss other stakeholder issues and take action as deemed appropriate.**
NDOT informed the Committee that the revised stormwater management program plan is available on the NDOT website and comments from the public will be accepted through Friday, March 6, 2020.

Nellis Air Force Base, and other stakeholders had no issues to report.

- 11. **Discuss items for next SQMC agenda.**
The next SQMC meeting will be held Tuesday, May 12, 2020 at 11:00 AM at the CCRFCD. Todd Tietjen (SNWA) agreed to give a presentation on dry weather monitoring in the Las Vegas Valley.

12. 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.

13. **Comments By the General Public**

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