



NOTICE OF MEETING

LAS VEGAS WASH COORDINATION COMMITTEE

Tuesday, October 24, 2023

8:30 a.m.

**Southern Nevada Water Authority, 7th Floor Conference Room
100 City Parkway, Las Vegas, Nevada 89106**

The Las Vegas Wash Coordination Committee makes reasonable efforts to assist and accommodate persons with physical disabilities who desire to attend the meeting. For assistance, please contact the Agenda Coordinator at (702) 258-3185 or agendas@snwa.com at least 48 hours in advance of the meeting.

Visit our website at <https://www.lvwash.org/about-the-wash/who-we-are/index.html> for Las Vegas Wash Coordination Committee agenda postings, copies of supporting material and approved minutes. To receive meeting information, including supporting material, contact the Agenda Coordinator at (702) 258-3185 or agendas@snwa.com.

Any Committee member may combine two or more agenda items for consideration, consider an item out of order, remove an item from the agenda or delay discussions relating to an item on the agenda at any time.

COMMENTS BY THE GENERAL PUBLIC

No Action May Be Taken: This is a period devoted to comments by the general public pertaining to items on this agenda. If you wish to speak to the Committee about items within its jurisdiction, but not appearing on this agenda, you must wait until the “Comments by the General Public” period listed at the end of this agenda. Please limit your comments to three minutes or less. No action may be taken upon a matter not listed on the posted agenda.

ITEM NO.

- I. *For Information Only:*** Welcome/Call to Order
- II. *For Possible Action:*** Approve April 25, 2023 Meeting Summary
- III. *For Information Only:*** Receive Presentation on Hollywood Boulevard Extension
- IV. *For Information Only:*** Receive Update on Recent Activities
 - a. Las Vegas Wash Project Coordination Team
 - b. Clark County Wetlands Park
 - c. Las Vegas Valley Watershed Advisory Committee
 - d. Emerging Issues
- V. *For Possible Action:*** Set Next Meeting Date/Time and Propose Items for the Next Meeting’s Agenda
- VI. *For Information Only:*** Recognize 25th Anniversary of the Las Vegas Wash Coordination Committee

COMMENTS BY THE GENERAL PUBLIC

No Action May Be Taken: At this time, the Committee will hear general comments from the public on matters under the jurisdiction of the Las Vegas Wash Coordination Committee. Please limit your comments to three minutes or less.

THIS MEETING HAS BEEN PROPERLY NOTICED AND POSTED IN THE FOLLOWING LOCATIONS:

City of Boulder City, City Hall
401 California Avenue
Boulder City, NV 89005

City of North Las Vegas, City Hall
2250 Las Vegas Boulevard North
North Las Vegas, NV 89030

City of Henderson, City Hall
240 Water Street
Henderson, NV 89015

Clark County Government Center
500 S. Grand Central Parkway
Las Vegas, NV 89106

Las Vegas Valley Water District
1001 S. Valley View Boulevard
Las Vegas, NV 89153

Southern Nevada Water Authority
100 City Parkway, Ste. 700
Las Vegas, NV 89106

Clark County Water Reclamation District
5857 E. Flamingo Road
Las Vegas, NV 89122

City of Las Vegas, City Hall
495 S. Main Street
Las Vegas, NV 89106

Hollywood Boulevard Extension Project

Las Vegas Wash Coordination Committee



Hollywood Boulevard Extension

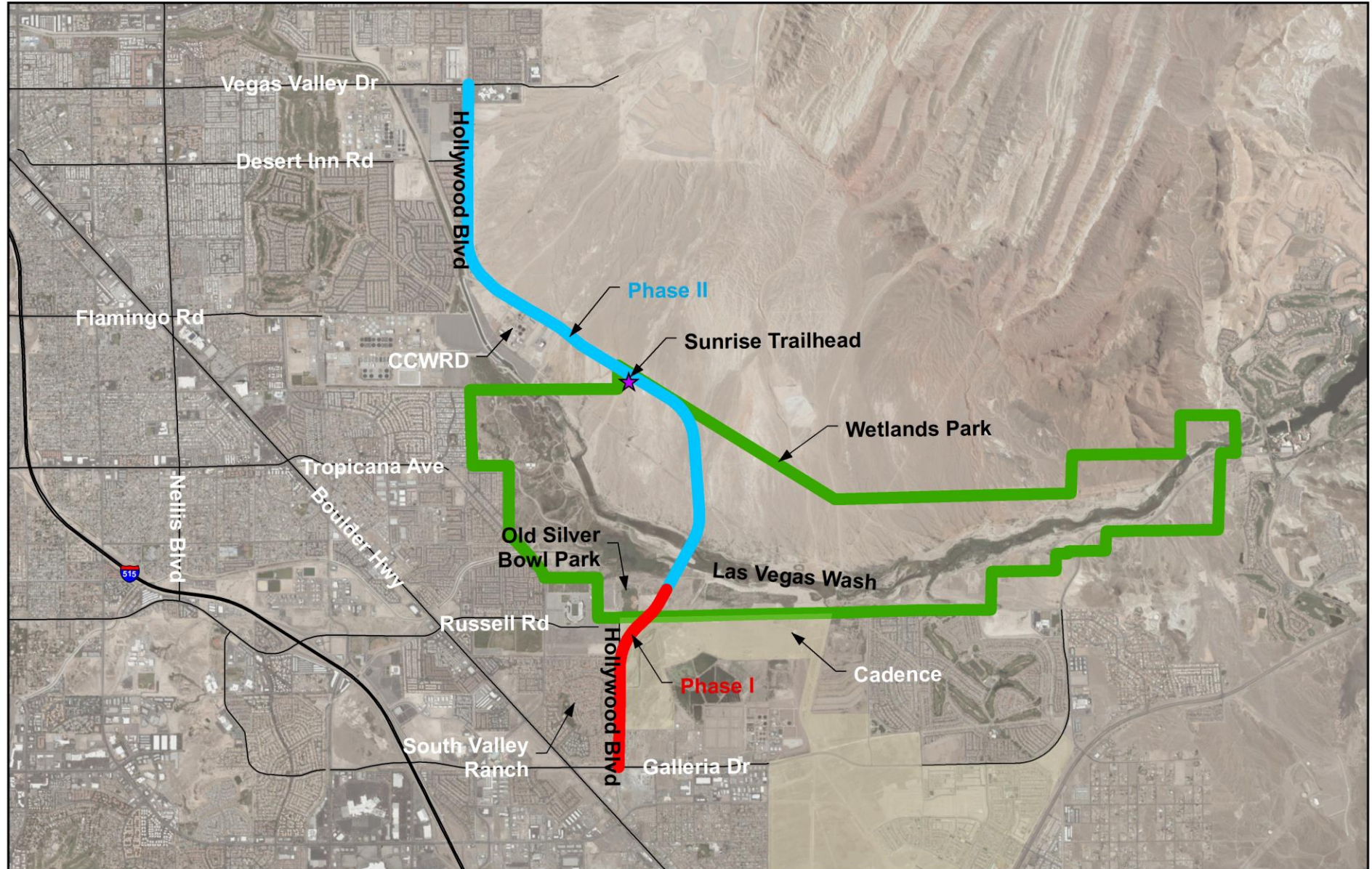


- **Previous Presentations:**
- Las Vegas Wash Coordination Committee
 - January 28, 2020
 - January 26, 2021



Hollywood Boulevard Extension Alignment

3



Hollywood Boulevard Extension Project



Purpose

- To Provide a Direct Connection Between Sunrise Manor and the City of Henderson
- To Link the primarily Residential Sunrise Manor to the commercial and employment areas of Henderson
- To Improve Recreational Access to the Wetlands Park

Hollywood Boulevard Extension

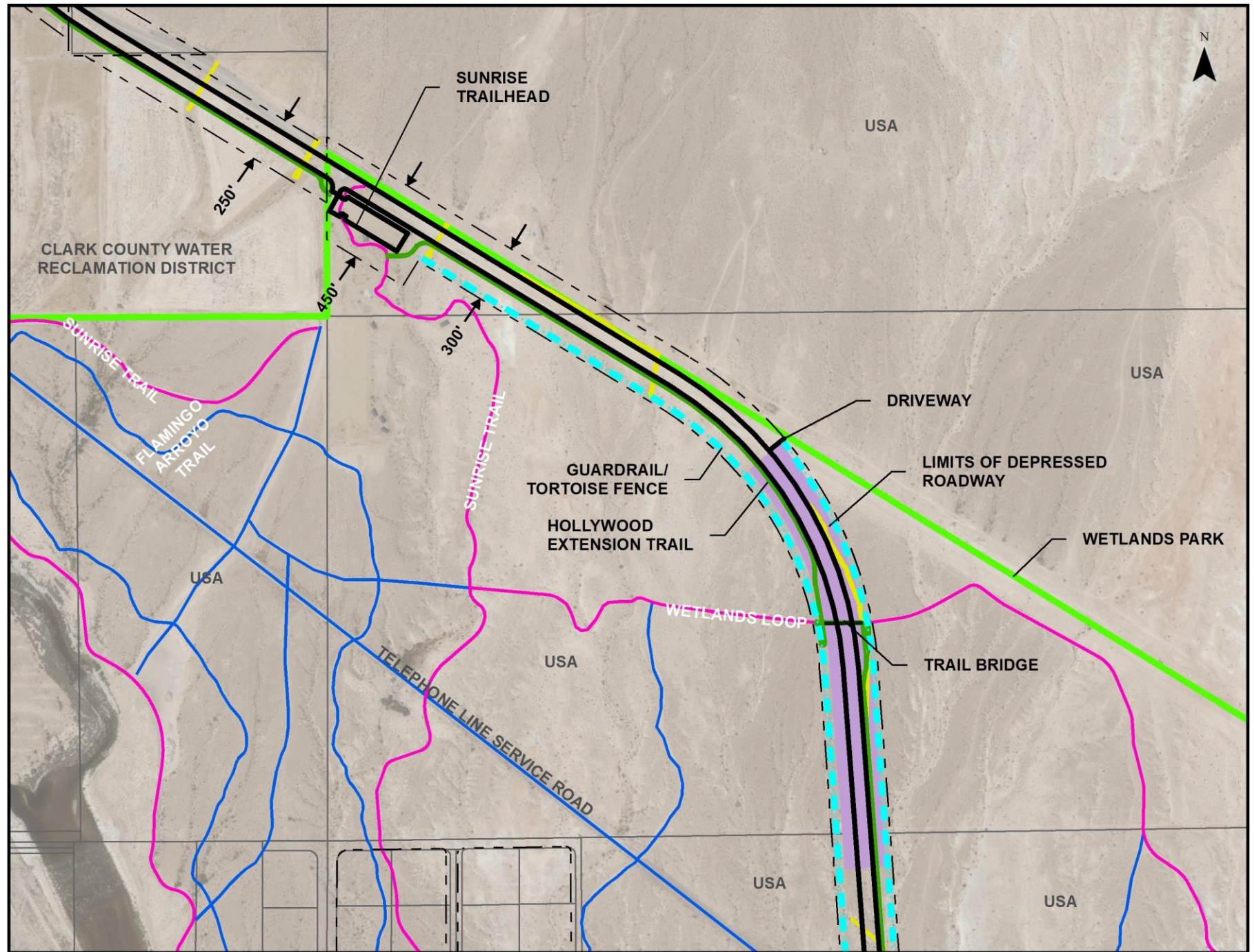


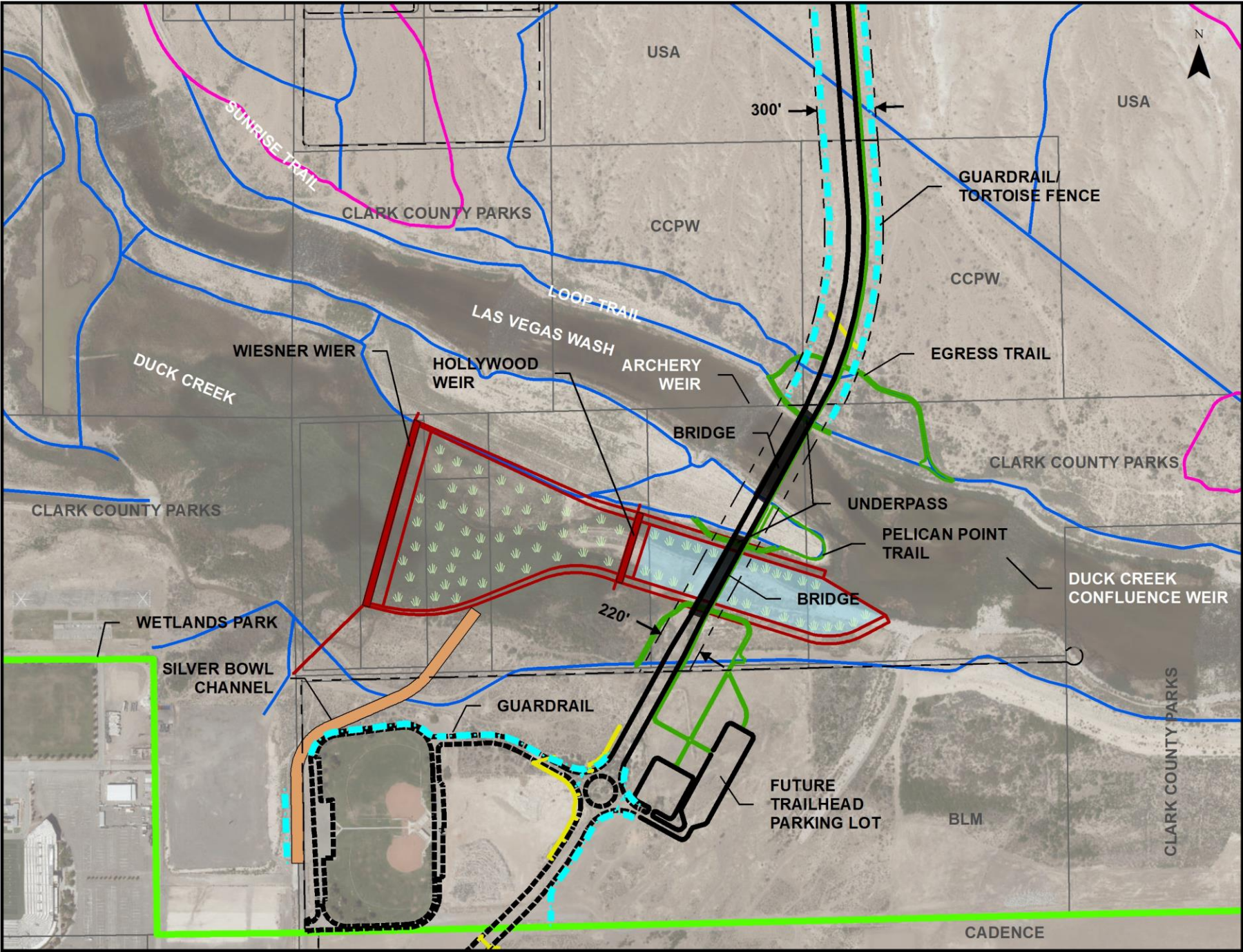
Purpose (cont.)

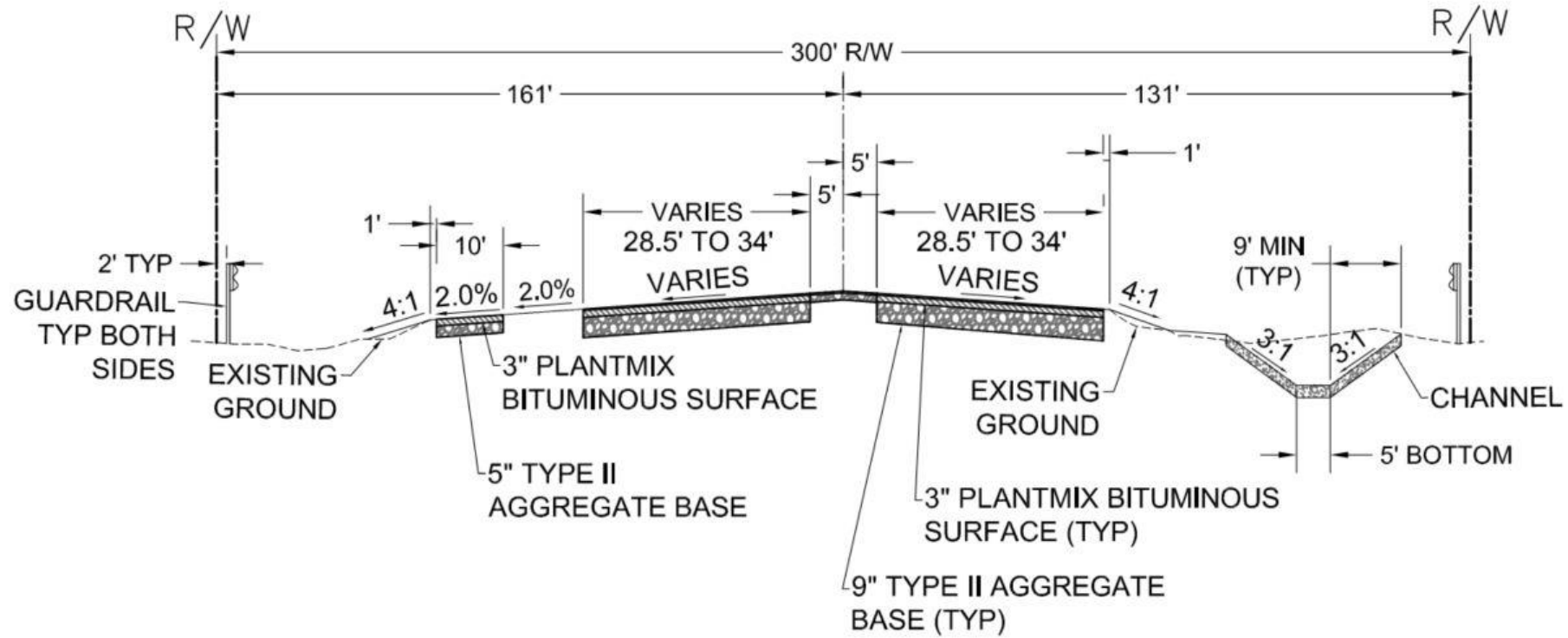
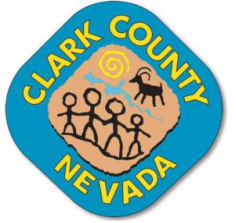
- New Arterial Street and Trail Extending Through the Wetlands Park from Hollywood Boulevard to the Henderson Street Network
- Cross the Wetlands Park
- Bridge over the Las Vegas Wash
- Alternative to the I-515 Freeway and Boulder Highway

Characteristics of Hollywood Blvd Extension

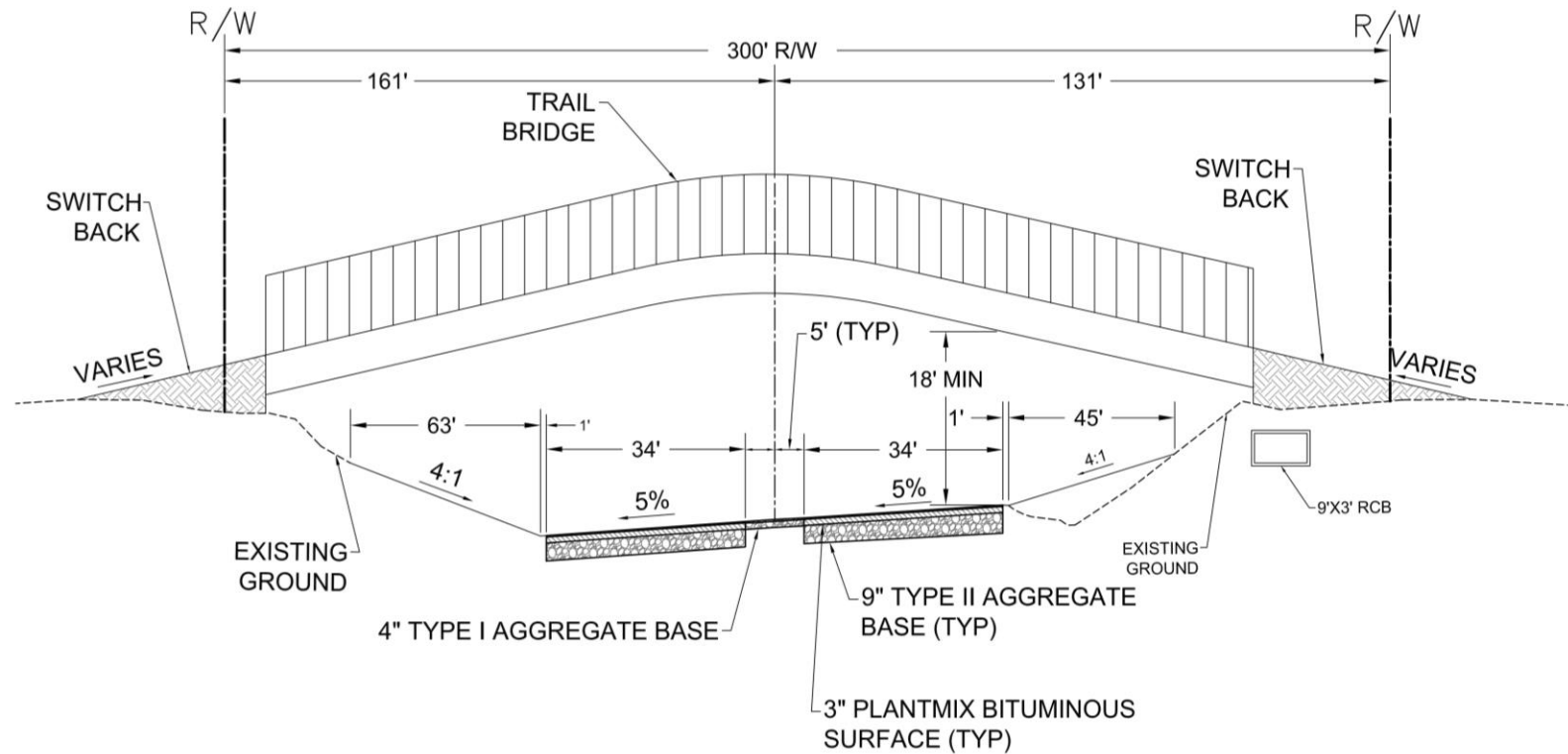
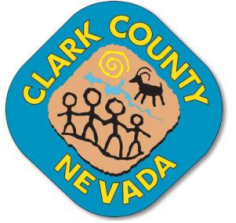
Roadway Improvement Length	5.8 miles (2.4 miles of new alignment)
Roadway Width	76 ft 4-lane road and 10 ft multipurpose trail
Posted Speed	45 mph
Roadway Right-of-way Width	100 –450 ft
Length of Bridge over Las Vegas Wash/Duck Creek	895 ft
Duck Creek/Las Vegas Wash Floodplain Area Affected	60 acres
Year 2020 Traffic Volume (vehicles/2-hours)	1,500 (AM)/1,548 (PM)
Year 2040 Traffic Volume (vehicles/2-hours)	3,255 (AM)/3,568 (PM)
Estimated Project Cost (2023\$)	\$72.5 million







HOLLYWOOD BOULEVARD SECTION OF IMPROVEMENT



**HOLLYWOOD BOULEVARD
SECTION OF IMPROVEMENT
AT TRAIL BRIDGE**

Hollywood Boulevard Extension Project



Schedule

- Phase 1 Advertisement – October 23, 2023
- Phase 1 Construction – 12 months, April 2024-2025
- Phase 2 Environmental Assessment - December 2023
- Phase 2 Final Design – 12 months, January 2024 thru 2025
- USACE 404 Permit – January 2024 thru October 2024
- NDEP Discharge Permit – January 2024 through October 2024
- FEMA CLOMR January 2024 through December 2024

QUESTIONS



Las Vegas Wash Coordination Committee Environmental Resources and Outreach Update

JULIA LANTOW
OCTOBER 24, 2023



October 2023
www.lvwash.org



Wildlife Management Plan

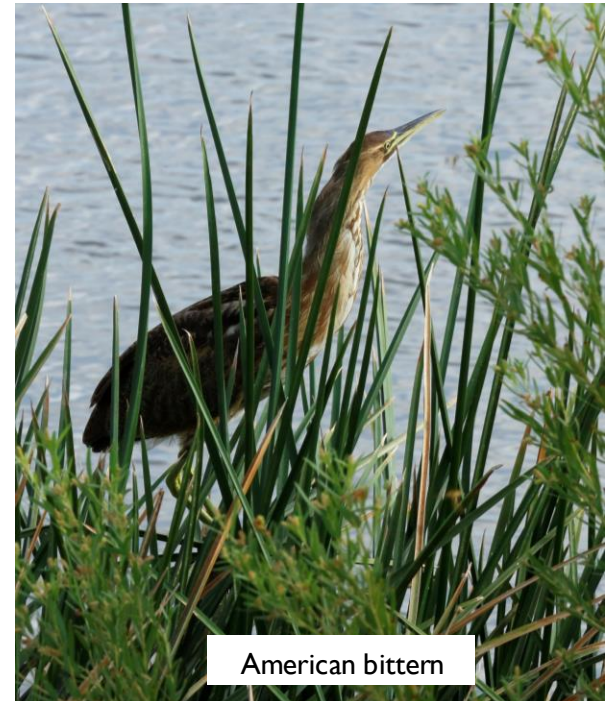
Bird Surveys

Annual T&E surveys

- Yuma Ridgway's rail (E) - Since 2000
- Southwestern willow flycatcher (E) - Since 1998
- Yellow-billed cuckoo (T) - 2002–2004; 2013–present

Biweekly point counts year-round at >30 points

- 2005–09 - SBCM
- 2009–11; 2014–present - GBBO

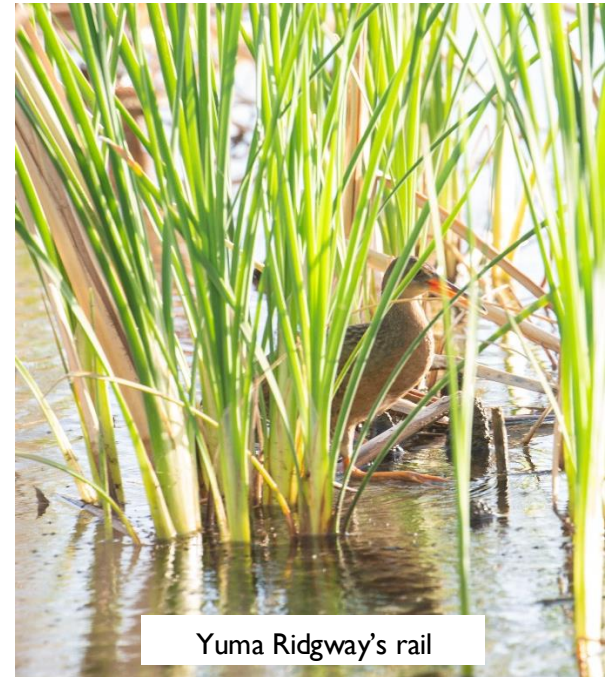


Wildlife Management Plan

Threatened and Endangered Bird Surveys

Marsh birds/Yuma Ridgway's rail (YRRA)

- Surveys take place in April–May
- 6 individuals counted in 2023
 - 7 in 2022
 - 5 in 2021
 - All other years – 0 or 1



Yuma Ridgway's rail



Wildlife Management Plan

Threatened and Endangered Bird Surveys

Southwestern willow flycatcher (SWFL)

- Surveys conducted May–June, territory monitoring continued into August
- Record 3 territories, 2 with pairs:
 - 6 nest attempts, 1 was successful
 - 3 nestlings were banded at 7.5–9-days old
 - 1, the youngest, confirmed as fledging



First successful SWFL fledging at Wash!

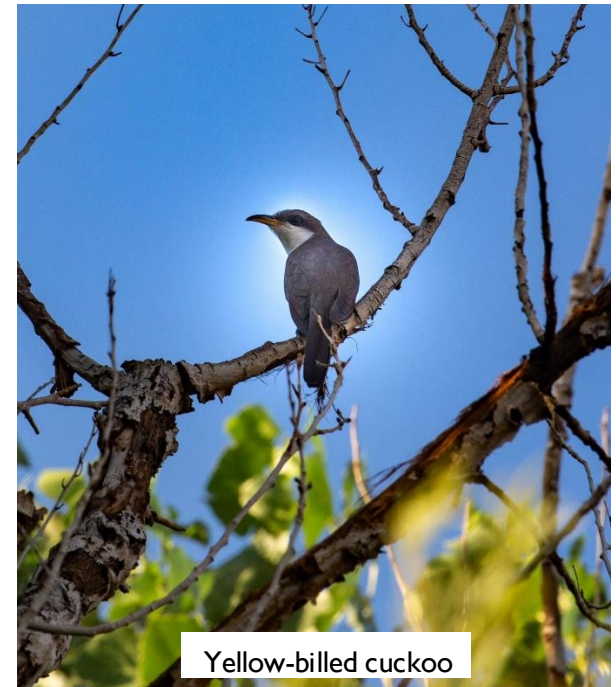


Wildlife Management Plan

Threatened and Endangered Bird Surveys

Yellow-billed cuckoo (YBCU)

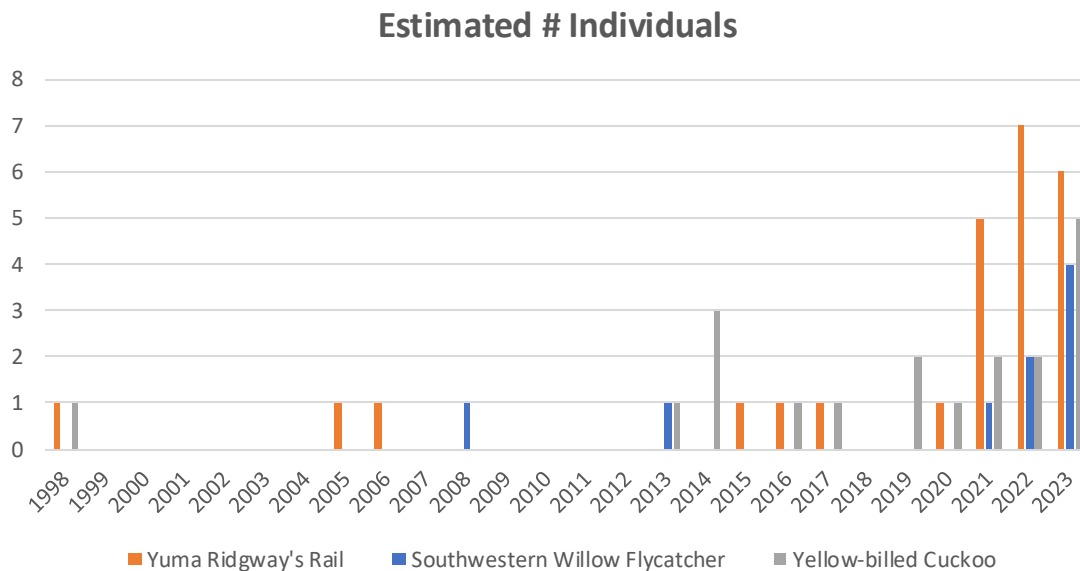
- Surveys conducted June–August
- Record 11 detections in 2023
 - 5 individuals
 - 2 probable breeding territories
 - Probable territory = 3 or more detections in roughly the same area, each separated by at least 10 days



Wildlife Management Plan

Threatened and Endangered Bird Surveys

26 years of surveys



Wildlife Management Plan

Threatened and Endangered Bird Surveys

- The increase in detections/breeding records requires new ESA compliance coverage for LTOP activities
 - Section 7 consultation for Reclamation lands/funding for the three listed birds and monarch (candidate) - BA submitted to FWS in August
 - SNWA is working with Clark County on section 10 process for YRRA, which is not covered by the MSHCP (SWFL & YBCU are)

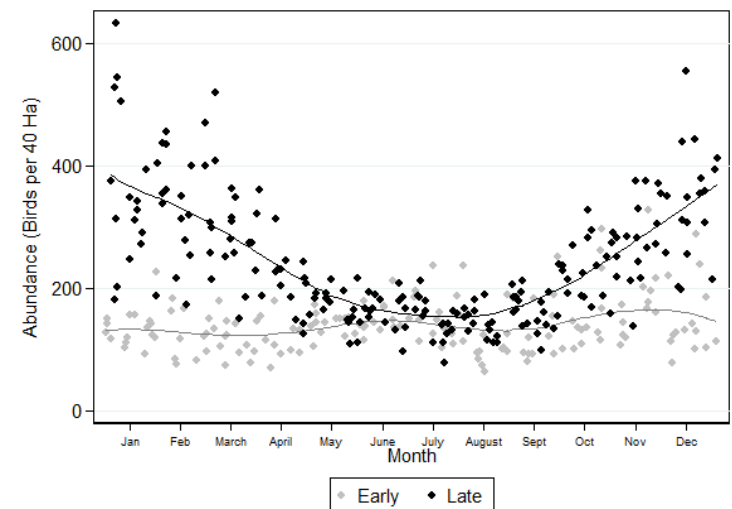
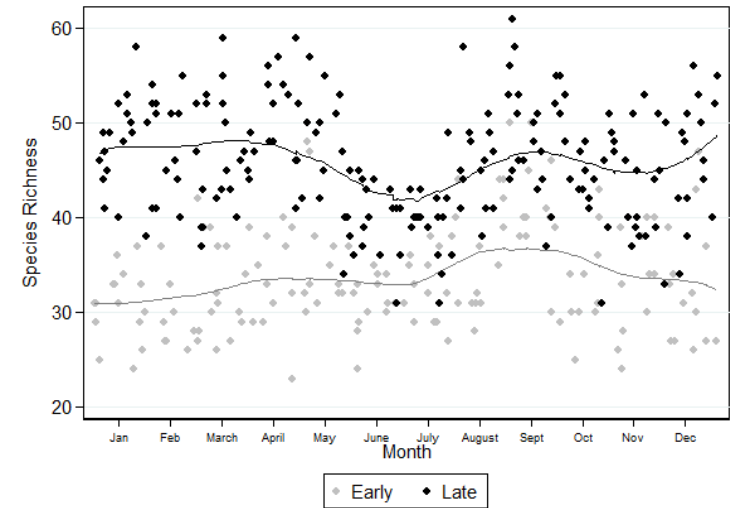


WMP

Avian Point Count Study

- Biweekly counts by GBBO
- 146 species detected in 2021/22 study year (Sept-Aug); 2022/23 study year data under analysis
- 2005–2022
 - 247 species
- 2005–2021 and 2005–2022 reports are back with GBBO for edits
- Reports document significant increases in richness and abundance
- Began alternating years in Sept; off in 2023/24

Figures show seasonal changes in number of species and individuals detected in the early (2005–2011) versus late (2014–2022) period



Wildlife Management Plan

Small Mammal & Shrew Surveys

- Small mammals:
 - Sherman live traps
- Shrews
 - Drift fence and pitfall traps
- Surveys are conducted at 6 mesquite woodland and riparian sites
 - Surveys conducted monthly from March to November in 2023
 - 9 species documented:
 - Western harvest mouse
 - Cactus mouse
 - Brush mouse
 - House mouse
 - Desert woodrat
 - Black rat
 - Desert pocket mouse
 - Merriam's kangaroo rat
 - Round-tailed ground squirrel



Wildlife Management Plan

Bat Surveys – Acoustic Monitoring

Anabat Swift Detectors

- 3 stations deployed 1/9/23
- Between DU1/DU2 North
 - Moved to Nature Preserve
- Pabco South
 - Tree uprooted during flash floods
- Historic Lateral Expansion North

Surveys will continue until December 2024



Wildlife Management Plan

Bat Surveys – Mist Netting

White-nose Syndrome (WNS) Surveys

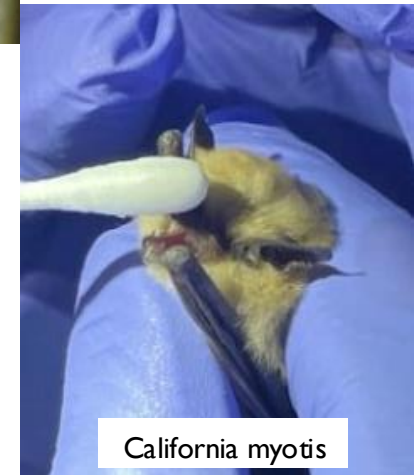
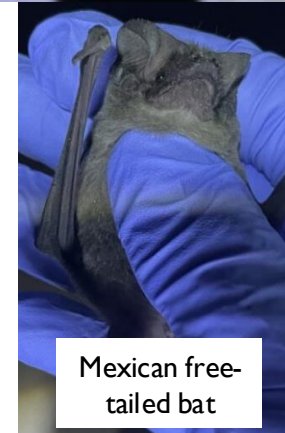
- April–May
- 23 individuals captured
 - 23 bat swabs
 - 11 environmental swabs
 - 13 guano samples

All samples came back negative for WNS!

All samples collected in NV were negative!

Mist Netting

- May–June
 - 5 survey nights
- 12 bats captured (same bats as WNS)
- Paused in June to avoid potential incidental take
- Surveys rescheduled for 2024



Wildlife Management Plan

2024 Surveys

Bat Surveys

- Acoustic Monitoring
 - January–December
- White-nose Syndrome
 - March–May
- Netting
 - May–September

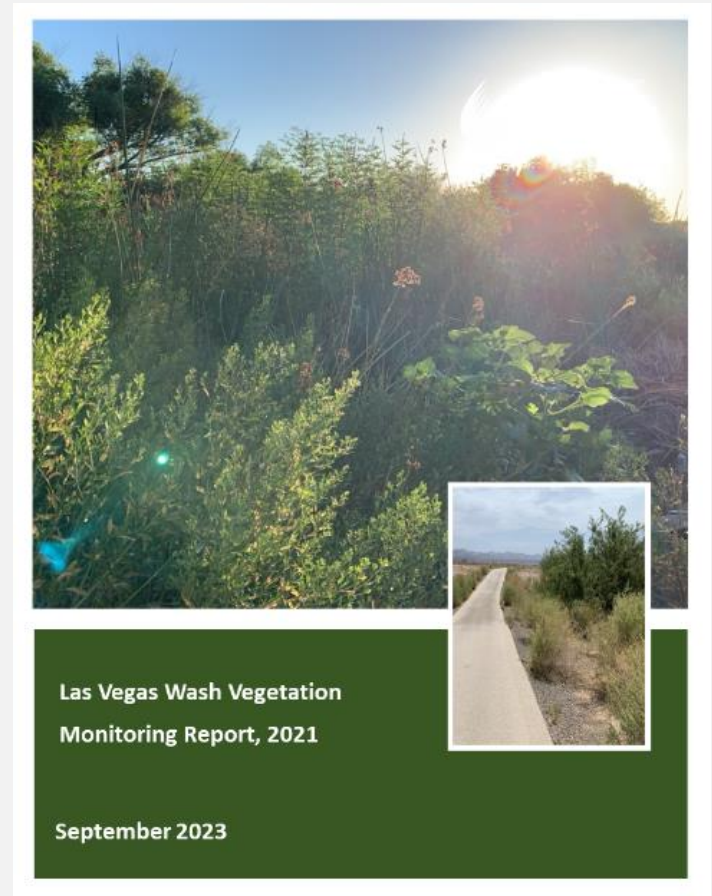
Benthic Macroinvertebrates

- Wildlife forage resource study



Revegetation

- More than 615 acres have been revegetated
- 2022 vegetation monitoring report under internal review
- 2021 vegetation monitoring report is complete
 - Of 78 sites monitored in the field
 - 49 had cover that stayed the same
 - 12 increased in cover
 - 12 decreased in cover
- Long-term revegetation management plan implementation
 - Additional plantings
 - Enhancements for wildlife





Grant Funding

Bureau of Reclamation



Downstream Pabco South

- \$255,000 in funding added for FY23
 - Revegetation, water quality monitoring, wildlife management plan implementation and LVWCC program management
- \$900,500 restoration grant
 - Downstream Pabco area
 - Staff is working with a design firm and engineering
 - Remove gravel sediment and restore riparian trees



Grant Funding

Nevada Division of Environmental Protection



- \$55,000 to cover FY22/23 Mabel Hoggard, Wash Green-Up and SP Teacher Training
- Awarded \$56,350 for FY23/24
 - \$6,500 Mabel Hoggard
 - \$28,250 Green-Up
 - \$21,600 Teacher Training



Grant Funding

Nevada Division of Forestry



- \$10k match grant to clean-up and thin some riparian areas in the Cottonwood Cells



October 2023
www.lvwash.org



LTOP Budget

- LTOP Budget – FY23/24
 - ~3.4M (\$735k carried over from FY22/23 for stabilization maintenance)
 - Spending tracked and reviewed monthly to make sure it remains within budget
 - Paid for by LVVWAC and grants



October 2023
www.lvwash.org



Outreach Green-Up



- Spring 2023 – 39th event
 - 155 volunteers
 - Powerline Crossing South
 - Previously revegetated in 2007
 - 4.5 acres
 - 3,184 plants
- Spring 2024 – 40th event
 - April 6, 2024
 - Lower Narrows/Homestead South
 - Previously revegetated in 2011
 - 4 acres
 - 3,500 plants



October 2023
www.lvwash.org



Outreach Events



- **Completed:**

- Las Vegas Science and Technology Festival
- Discovery Day at the CCWP
- Howard Hughes Planting



- **Upcoming:**

- Mabel Hoggard Fieldtrips
- World Wetlands Day
- YCC Fieldtrip



October 2023
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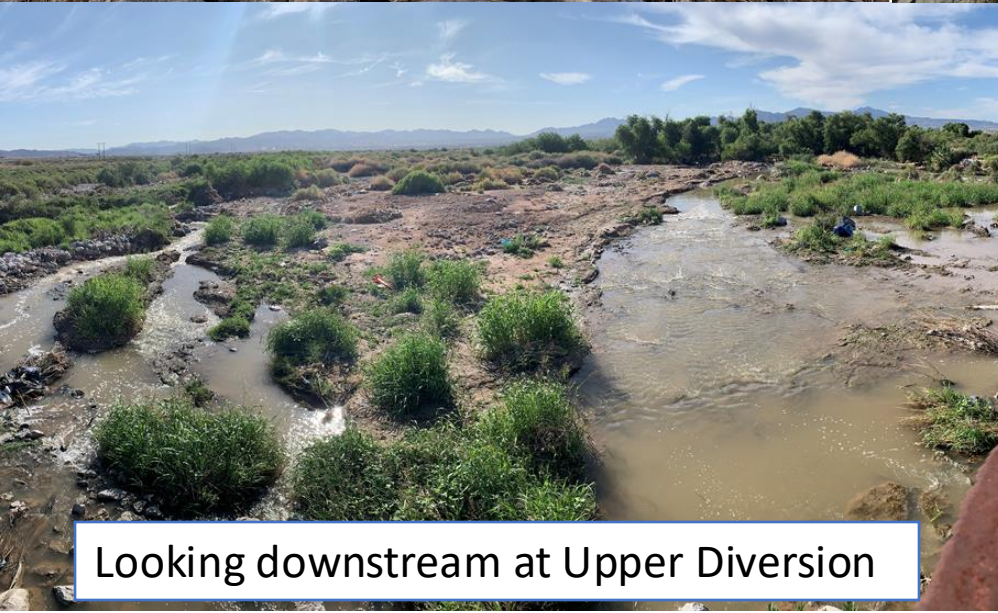
Fall Flooding



Monson Weir



Lower Narrows Bank Protection



Looking downstream at Upper Diversion



Historic Lateral Weir

Fall Flooding



Downstream Pabco South



DU Wetlands 1 Bank Protection



Upstream Powerline Crossing Bridge



Three Kids Weir

QUESTIONS?



October 2023
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Water Quality Monitoring Update

October 24, 2023

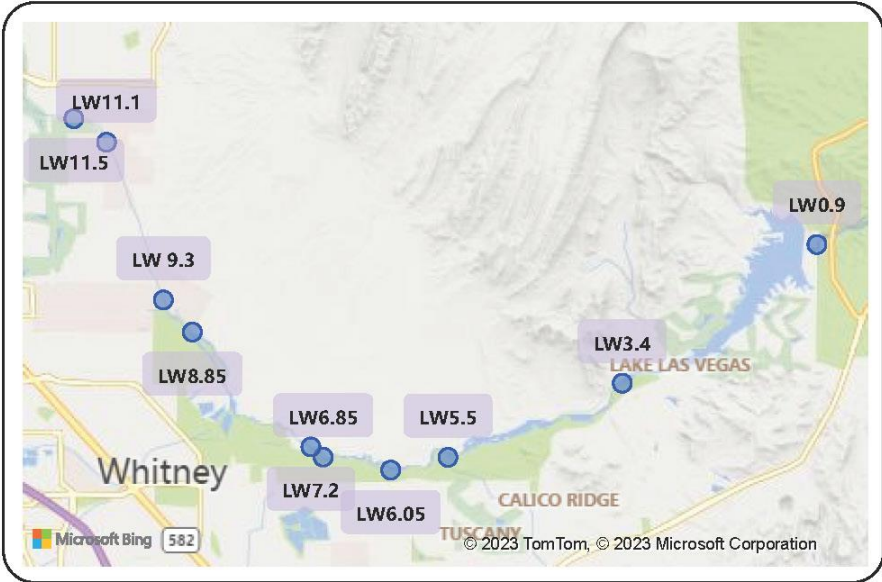
2023 Water Quality Sampling Schedule

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Water Quality Data from the Mainstream Las Vegas Wash

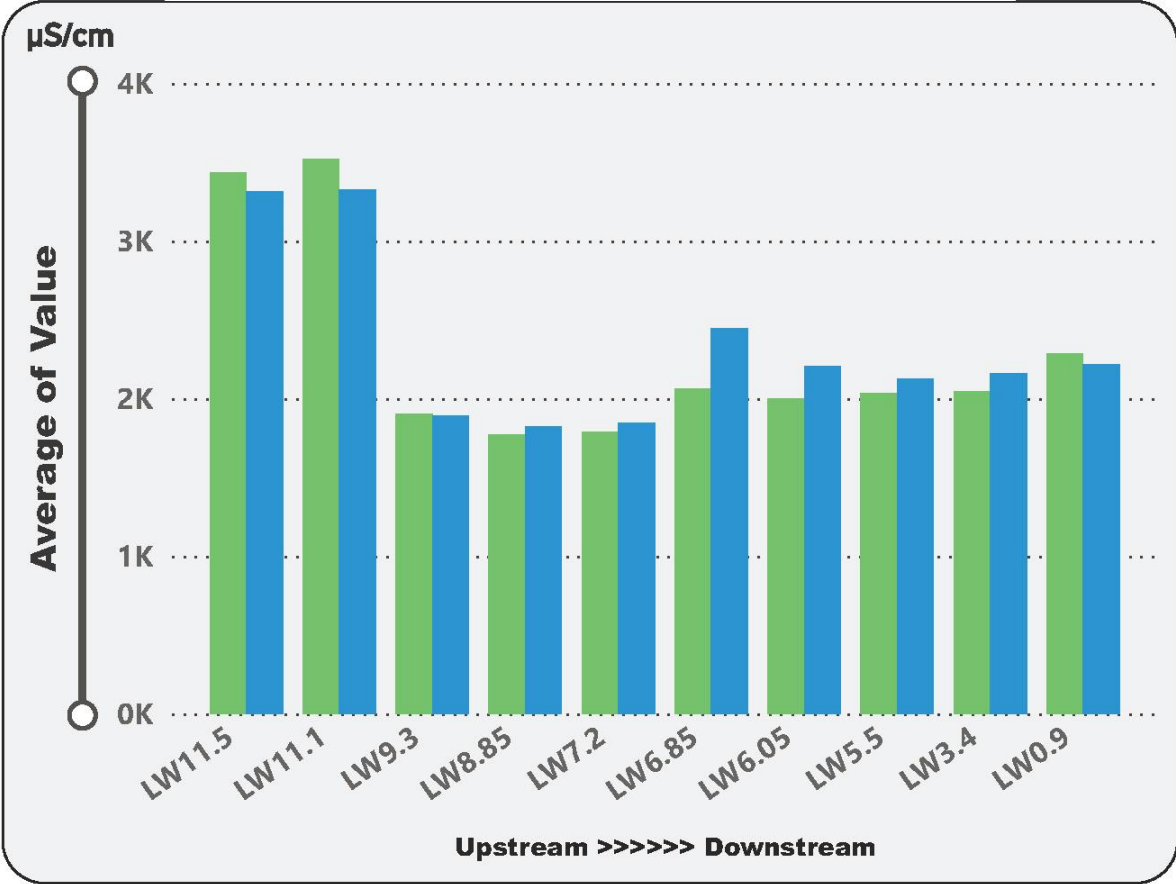
(2023 vs. previous years)

Water Quality in the Las Vegas Wash



Site Name					
Select all	LW11.1	LW8.85	LW6.85	LW5.5	LW0.9
LW11.5	LW9.3	LW7.2	LW6.05	LW3.4	(Blank)

Year



Year

Select all

☐ 2000

☐ 2001

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☐ 2021

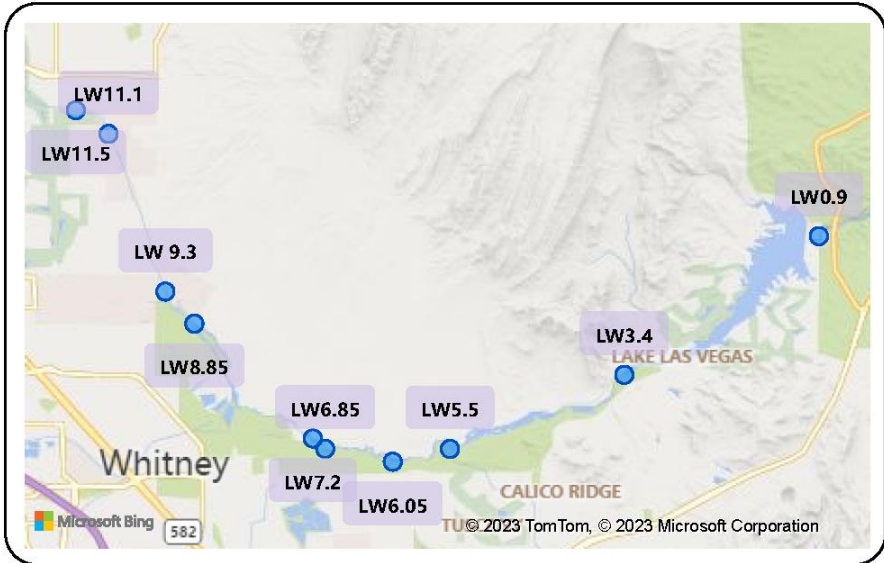
☒ 2022

☒ 2023

Field Measurement

Conductivity LAB	pH FIELD
Dissolved Oxygen FIELD	Temperature Water FIELD

Water Quality in the Las Vegas Wash

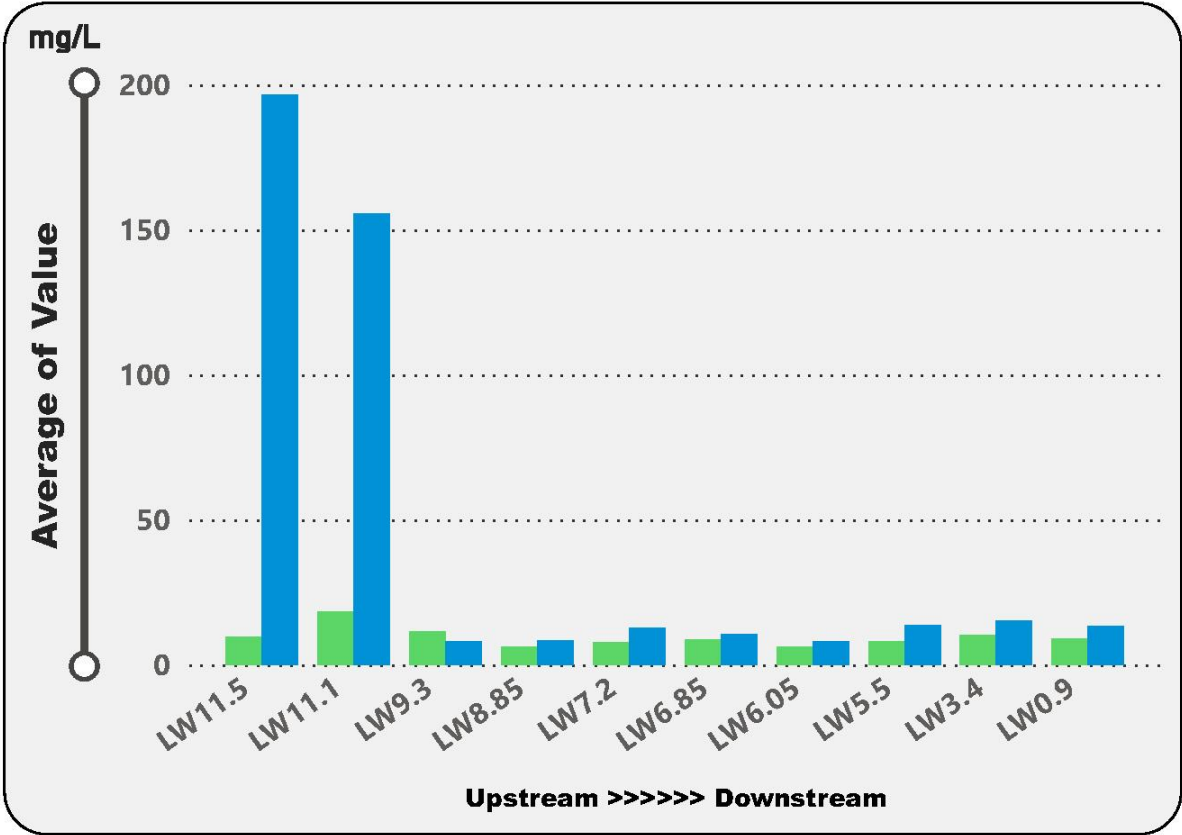


Site Name

Select all	LW11.1	LW8.85	LW6.85	LW5.5	LW0.9
LW11.5	LW9.3	LW7.2	LW6.05	LW3.4	

Year

Navigation icons: Play, Pause, Stop, Previous, Next



General Chemistry

Alkalinity Total	Calcium Total	Fluoride	Potassium Total	Sulfate	Total Suspended Solids
Bromide	Chloride	Magnesium Total	Sodium Total	Total Dissolved Solids LAB	

Year

Select all

2000

2001

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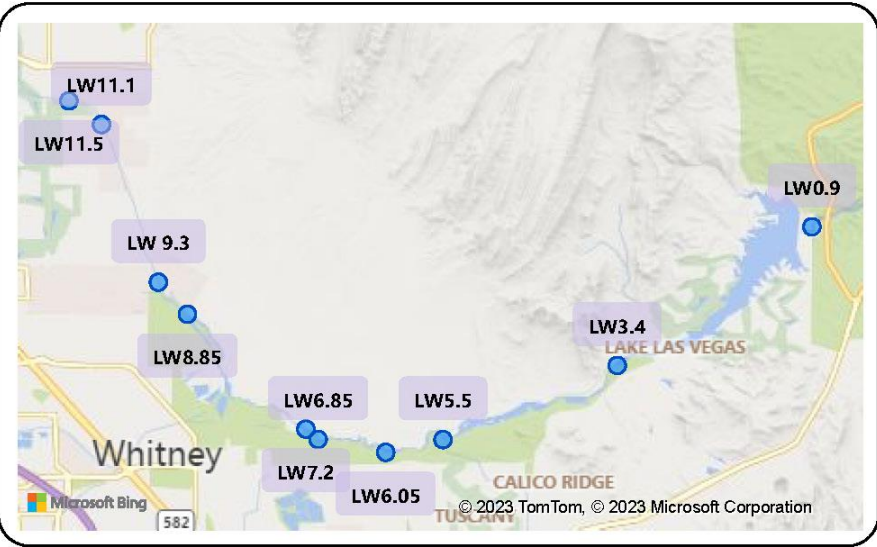
2019

2020

2021

2022

2023



Site Name

Select all	LW11.1	LW8.85	LW6.85	LW5.5	LW0.9
LW11.5	LW9.3	LW7.2	LW6.05	LW3.4	

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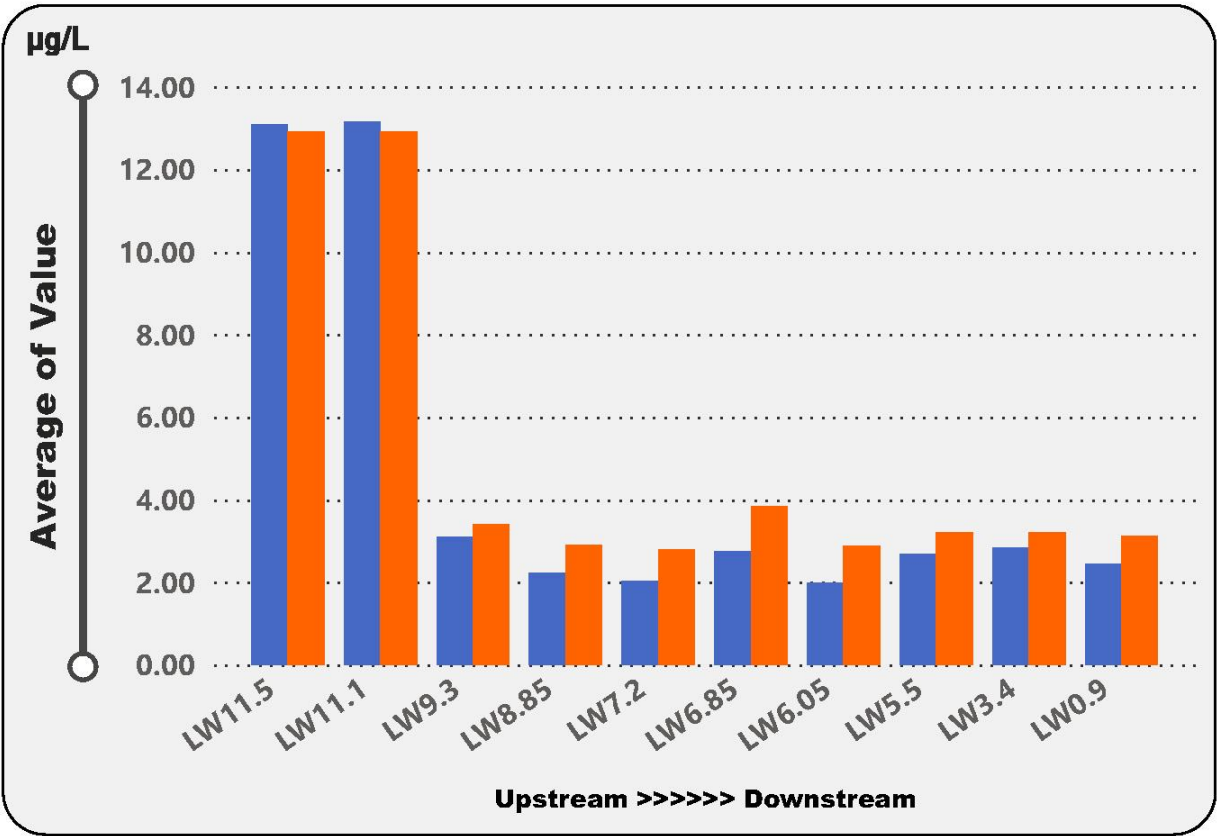
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Year

Metals										
Aluminum Total	Arsenic Total	Beryllium Total	Chromium III Total	Copper Total	Lead Total	Molybdenum Total	Selenium Dissolved	Silver Total	Uranium Dissolved	Vanadium Total
Antimony Total	Barium Total	Cadmium Total	Chromium Total	Iron Total	Manganese Total	Nickel Total	Selenium Total	Thallium Total	Uranium Total	Zinc Total

Water Quality in the Las Vegas Wash



Year

Select all

☐ 2000

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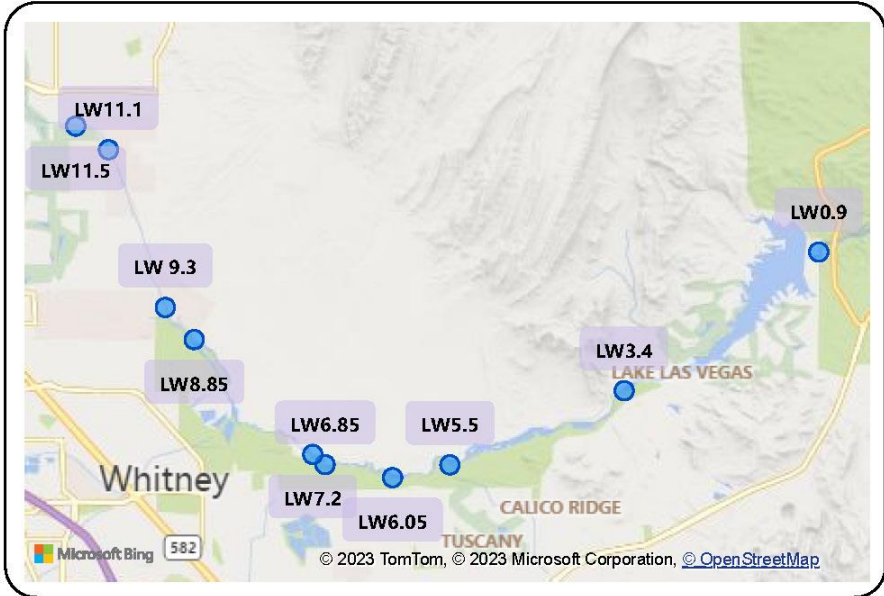
☐ 2020

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☒ 2023

Water Quality in the Las Vegas Wash

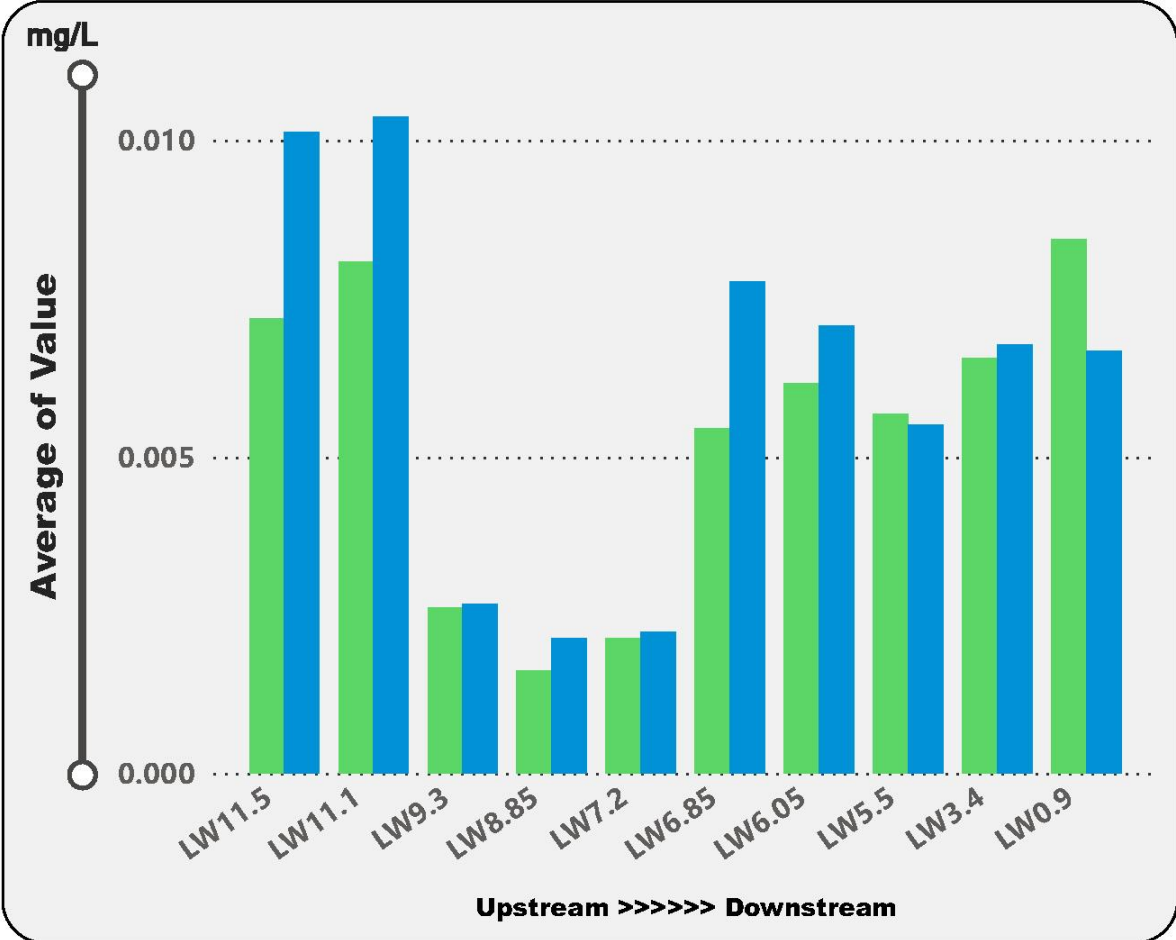


Site Name

Select all	LW11.1	LW8.85	LW6.85	LW5.5	LW0.9
LW11.5	LW9.3	LW7.2	LW6.05	LW3.4	

Year

Navigation icons: Play, Pause, Stop, Previous, Next



Parameter: Arsenic Total

Alkalinity Bicarbonate	Alkalinity Hydroxide	Aluminum Dissolved	Anion / EC Test	Antimony Dissolved	Arsenic Dissolved	Azinphos-methyl [Guthion]	Barium Total	Beryllium Total	Boron Total
Alkalinity Carbonate	Alkalinity Total	Aluminum Total	Anion Sum	Antimony Total	Arsenic Total	Barium Dissolved	Beryllium Dissolved	Bolstar	Bromide

Year

Select all

2000

2001

2002

2003

2004

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2006

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2016

2017

2018

2019

2020

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2023

Water Quality in the Las Vegas Wash



Site Name

Select all

LW11.1

LW8.85

LW6.85

LW5.5

LW0.9

LW11.5

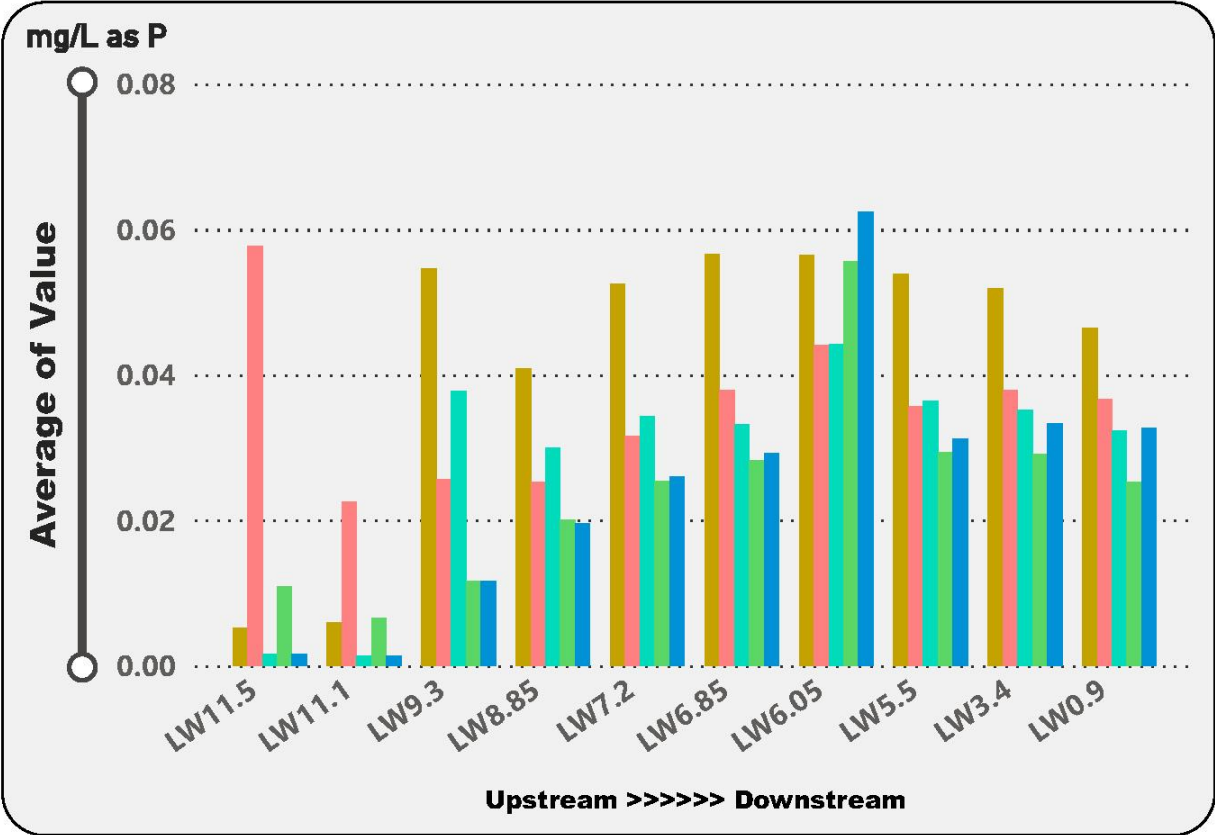
LW9.3

LW7.2

LW6.05

LW3.4

Year



Year

Select all

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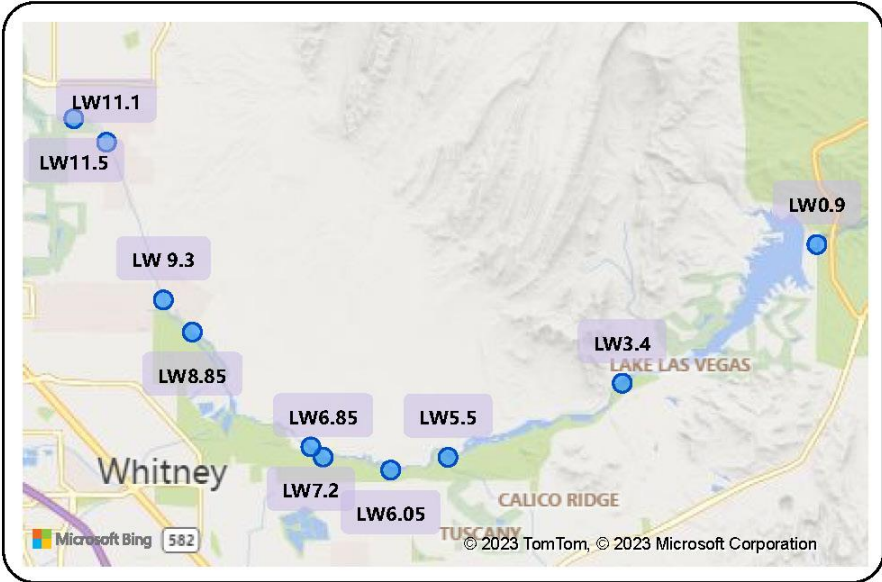
2021

2022

2023

Nutrients			
Nitrogen Ammonia Total	Nitrogen Nitrite Plus Nitrate Total	Nitrogen Organic Total	Phosphorus Orthophosphate Total
Nitrogen Inorganic Total	Nitrogen Nitrite Total	Nitrogen Total	Phosphorus Total

Water Quality in the Las Vegas Wash

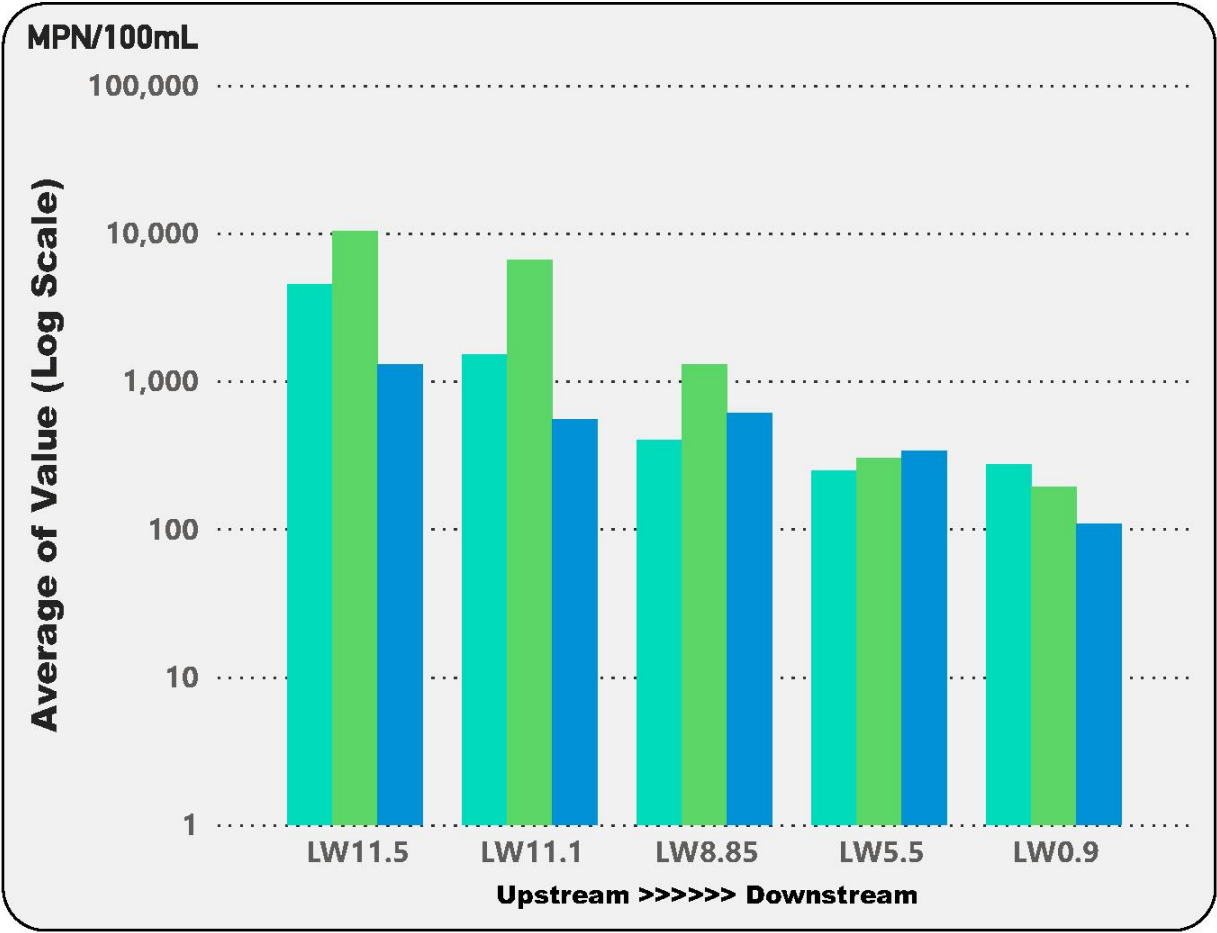


Site Name

Select all	LW11.1	LW8.85	LW6.85	LW5.5	LW0.9
LW11.5	LW9.3	LW7.2	LW6.05	LW3.4	

Year

Navigation icons: Play, Pause, Stop, Previous, Next



Bacteria	
Coliform Fecal	E. coli
Coliform Total	

Year

Select all

2000

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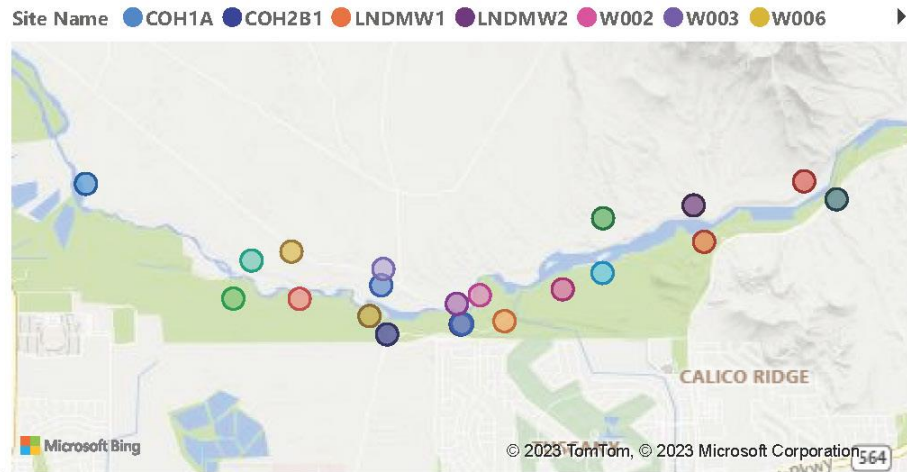
2022

2023

Water Quality Data from Shallow Groundwater Monitoring Wells along the Wash

(2009-2022)

Map showing monitoring wells along the Wash



Parameter

- ☐ Water Temperature
- ☒ Specific Conductance
- ☐ pH
- ☐ Dissolved Oxygen (DO)

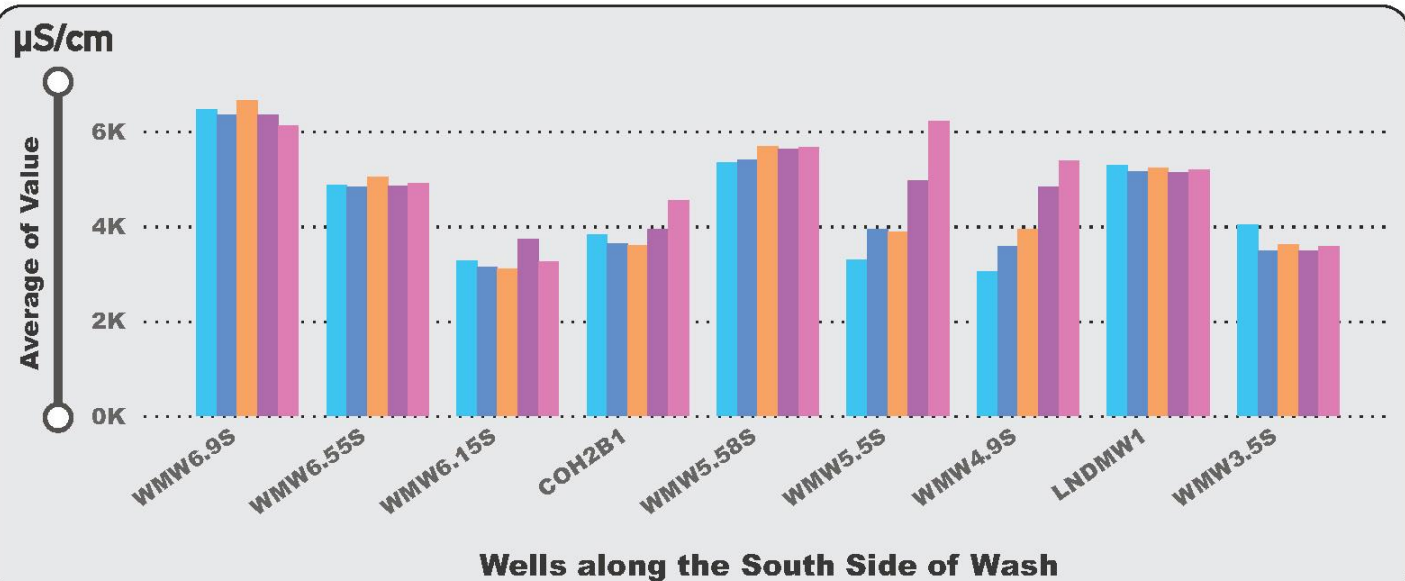
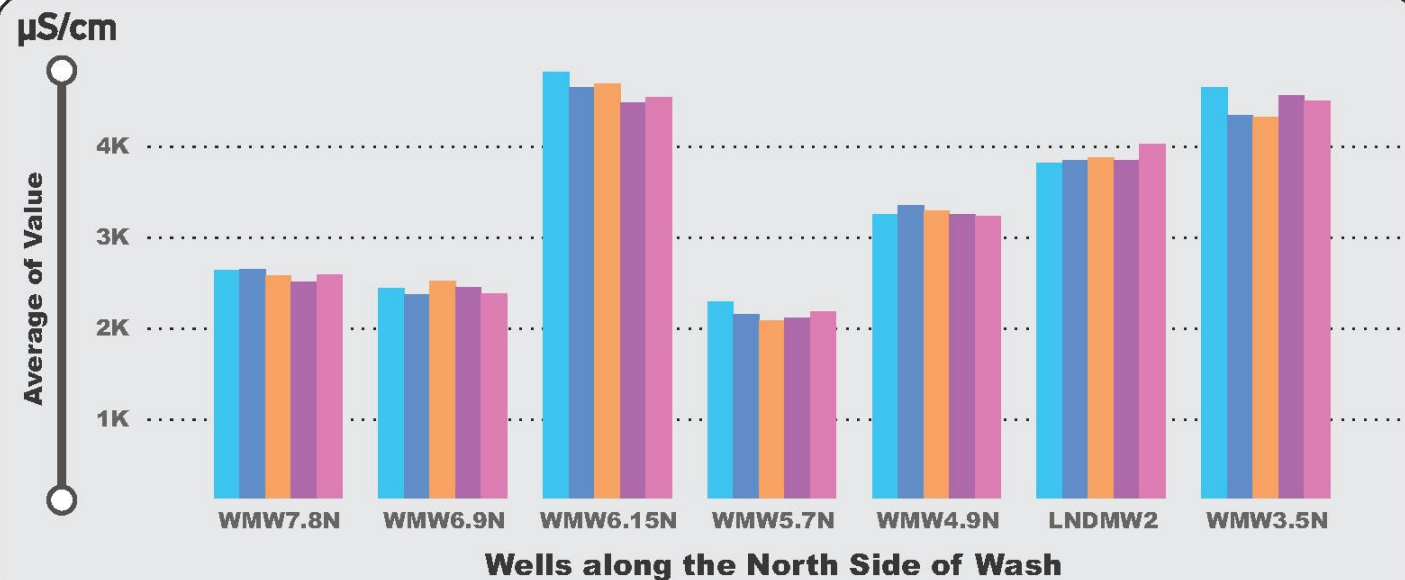
Year

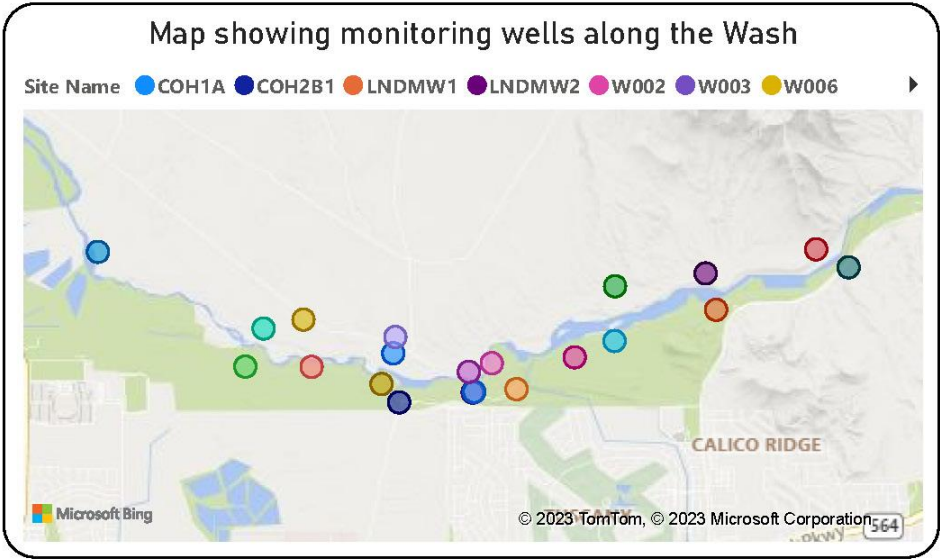
Select all	2010	2012	2014	2016	2018	2020	2022
2009	2011	2013	2015	2017	2019	2021	2023



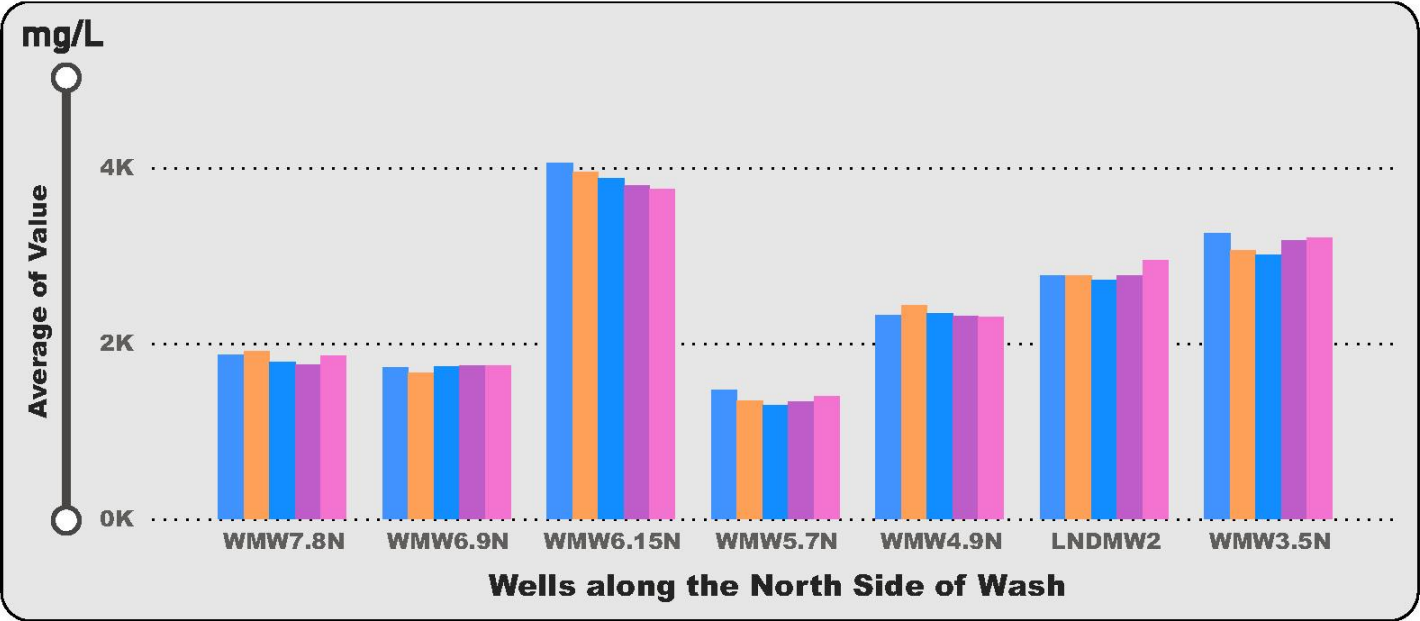
Year

Groundwater Quality from the Monitoring Wells along the Las Vegas Wash





Groundwater Quality from the Monitoring Wells along the Las Vegas Wash



Parameter

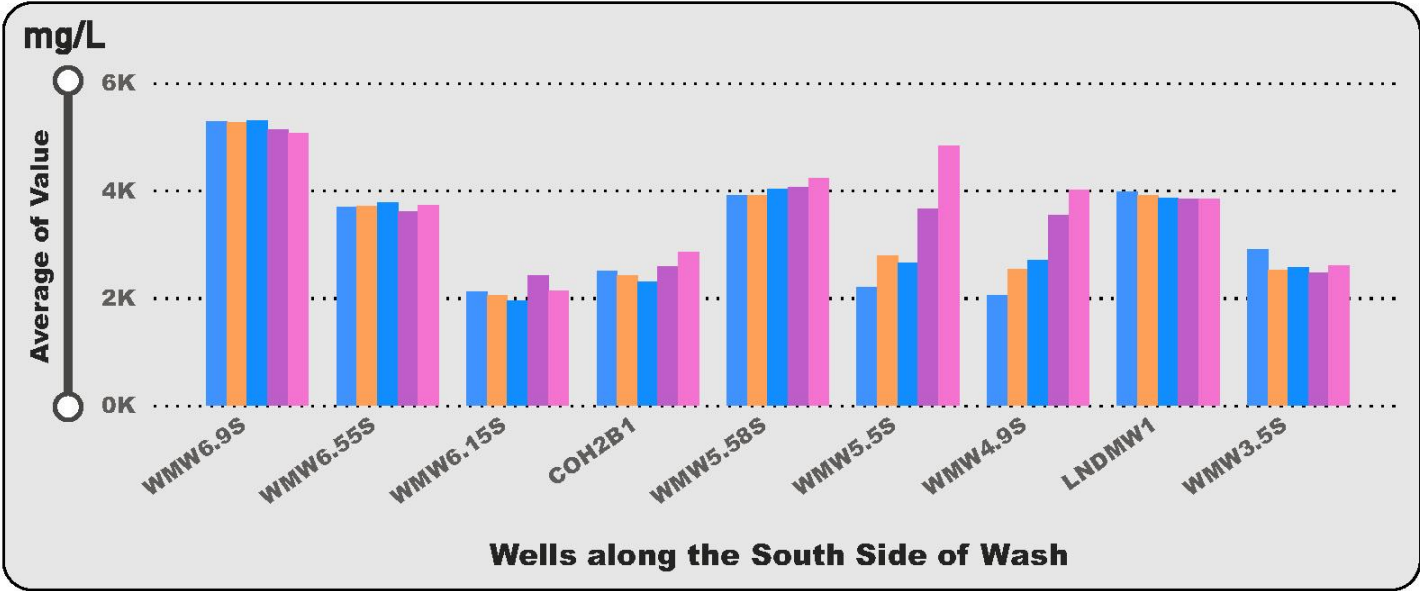
- ☐ Alkalinity Bicarb...
- ☐ Alkalinity Total
- ☐ Bromide
- ☐ Calcium
- ☐ Chloride
- ☐ Fluoride
- ☐ Hardness, Total
- ☐ Magnesium
- ☐ Potassium
- ☐ Silica
- ☐ Sodium
- ☐ Sulfate
- ☒ Total Dissolved S...

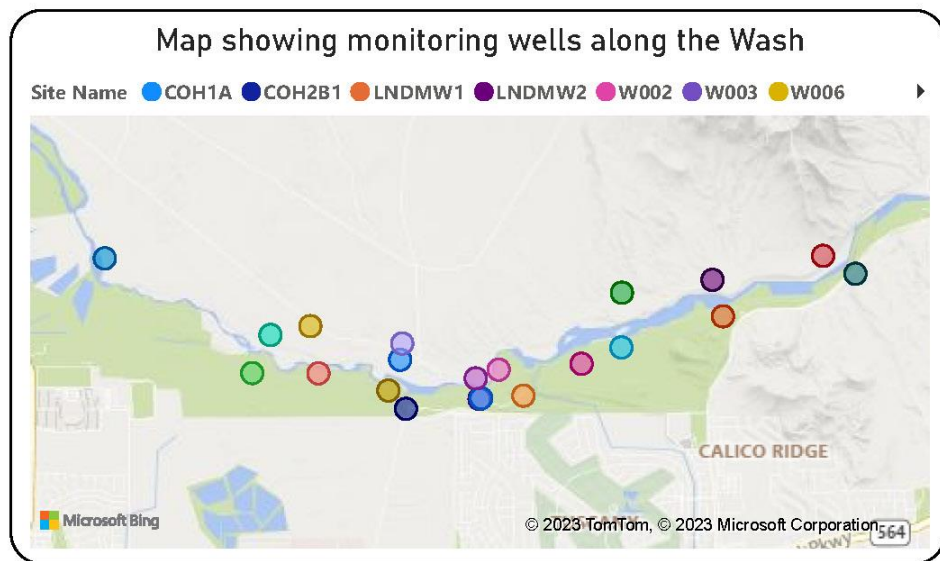
Year

Select all	2012	2016	2020
2009	2013	2017	2021
2010	2014	2018	2022
2011	2015	2019	2023

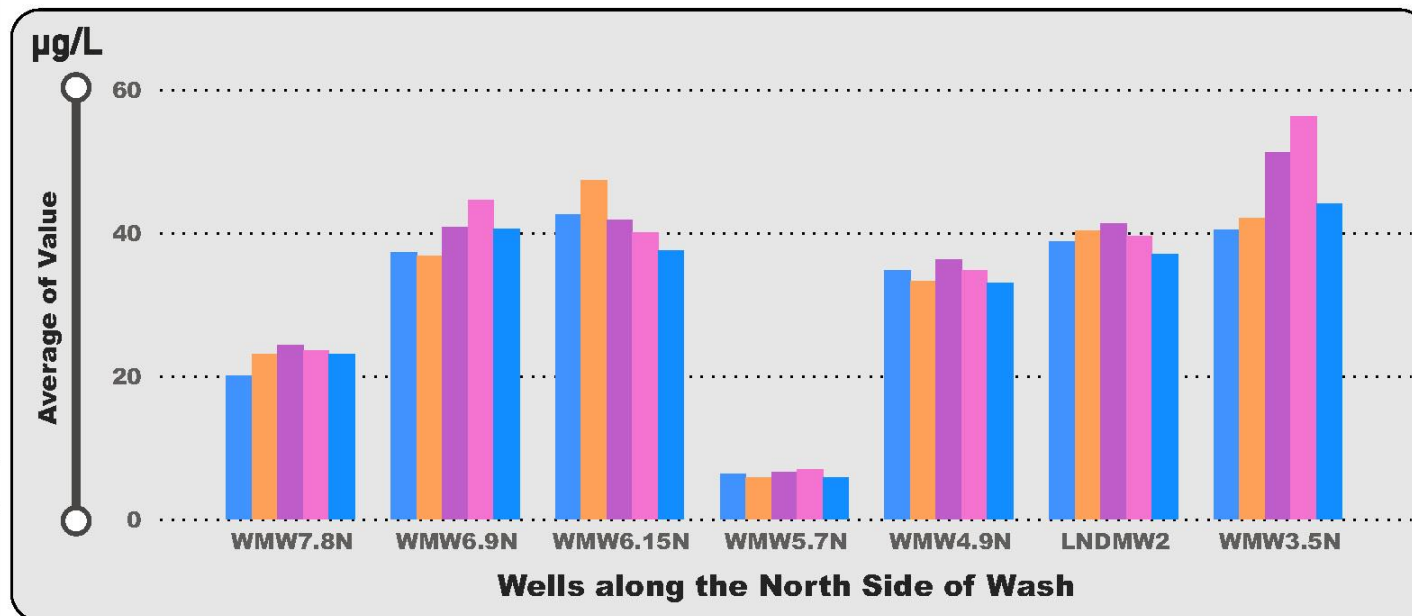
Year

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Groundwater Quality from the Monitoring Wells along the Las Vegas Wash



Parameter

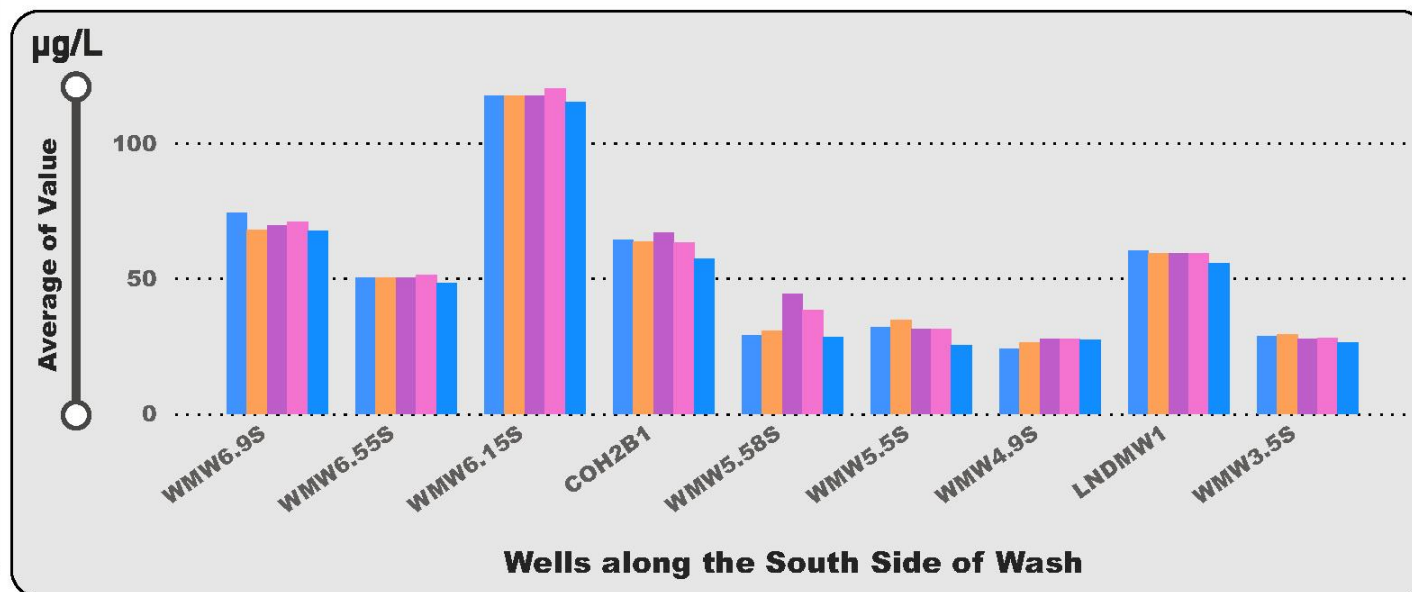
- ☐ Aluminum Total
- ☐ Antimony Total
- ☒ Arsenic Total
- ☐ Barium Total
- ☐ Beryllium Total
- ☐ Cadmium Total
- ☐ Chromium Total
- ☐ Copper Total
- ☐ Iron Total
- ☐ Lead Total
- ☐ Manganese Total
- ☐ Mercury Total

Year

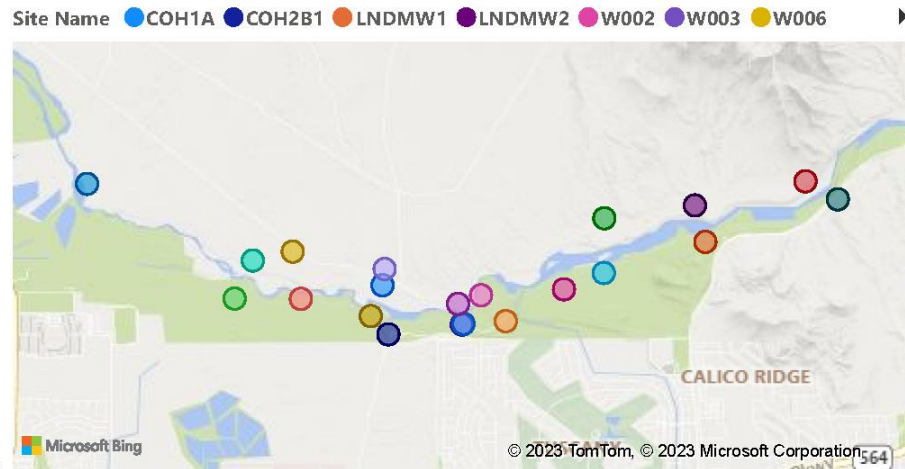
Year

Year

Select all	2015	2022
2009	2016	2023
2010	2017	
2011	2018	
2012	2019	
2013	2020	
2014	2021	



Map showing monitoring wells along the Wash



Parameter

- ☐ Nitrogen Nitrate Dissolved
- ☐ Nitrogen Nitrate Total
- ☒ Phosphorus Orthophosphate Total

Year

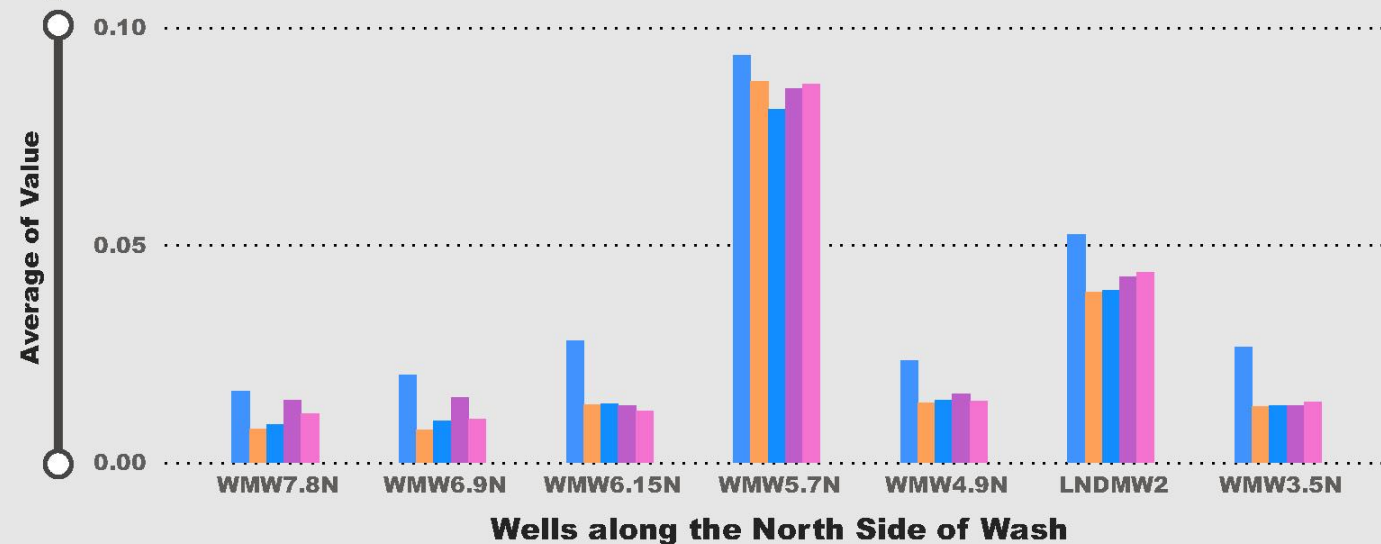
Select all	2010	2012	2014	2016	2018	2020	2022
2009	2011	2013	2015	2017	2019	2021	2023



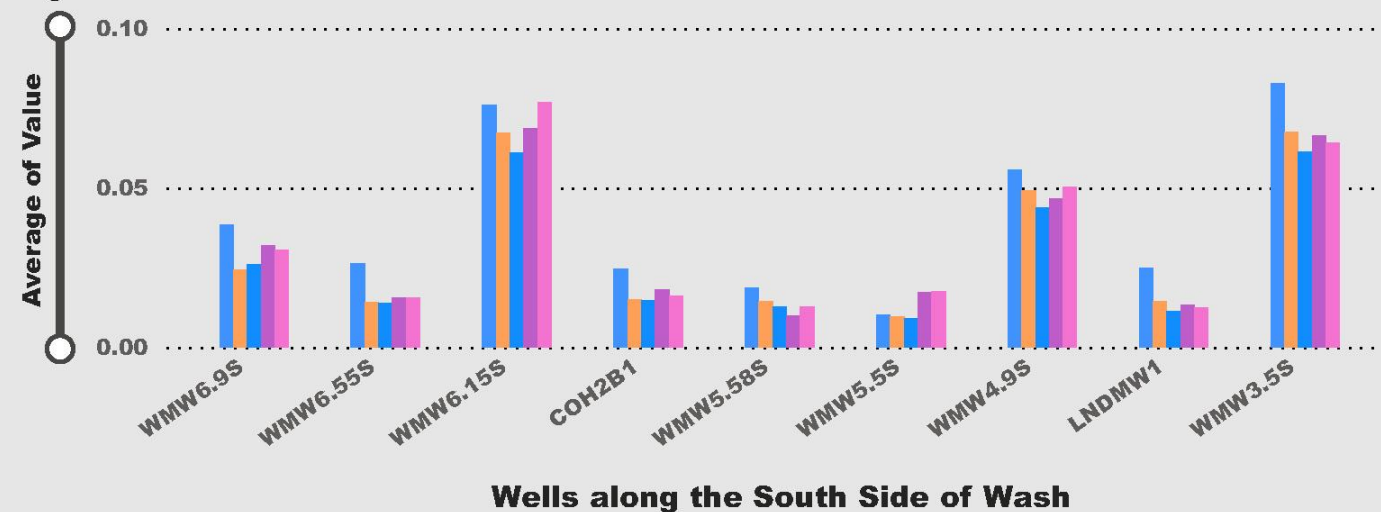
Year

Groundwater Quality from the Monitoring Wells along the Las Vegas Wash

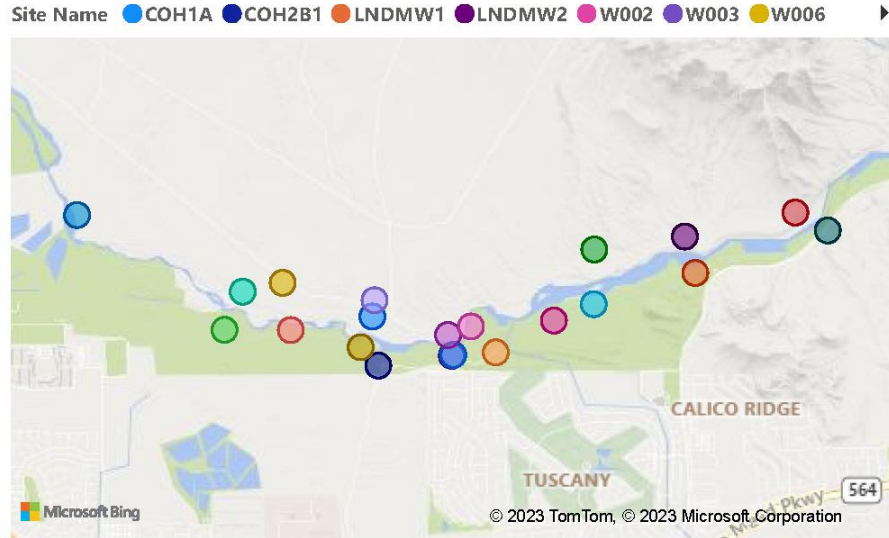
mg/L as P



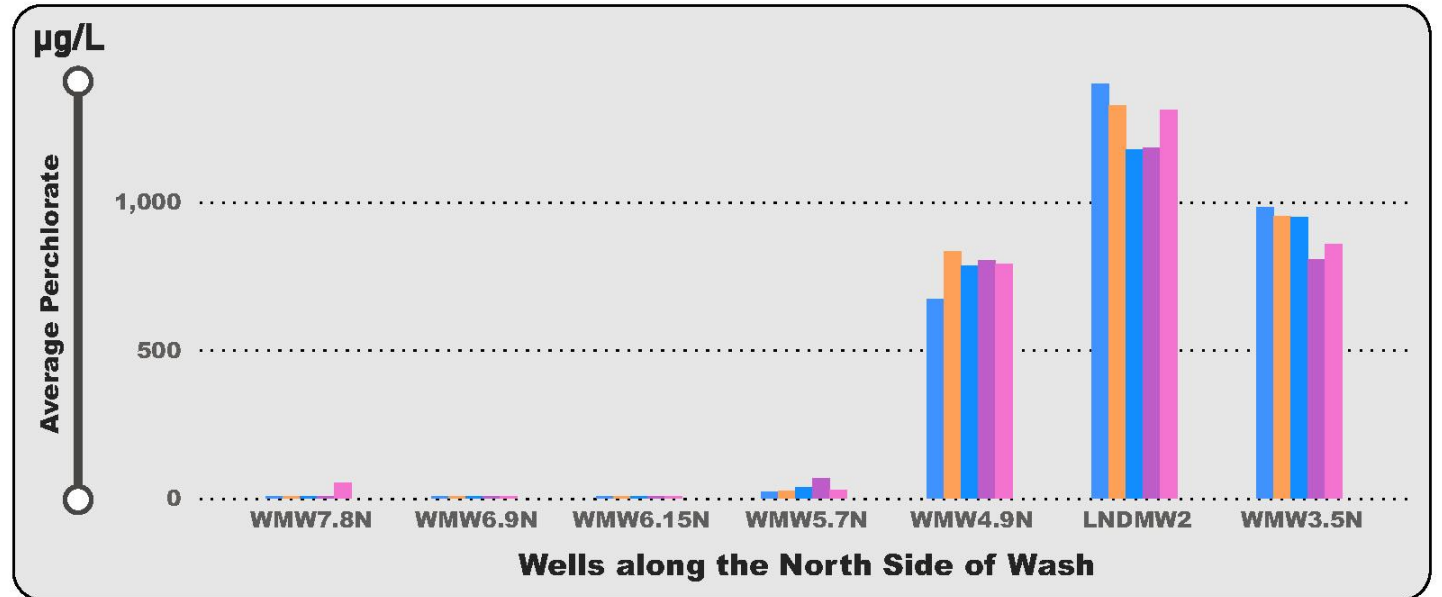
mg/L as P



Map showing monitoring wells along the Wash



Groundwater Quality from the Monitoring Wells along the Las Vegas Wash



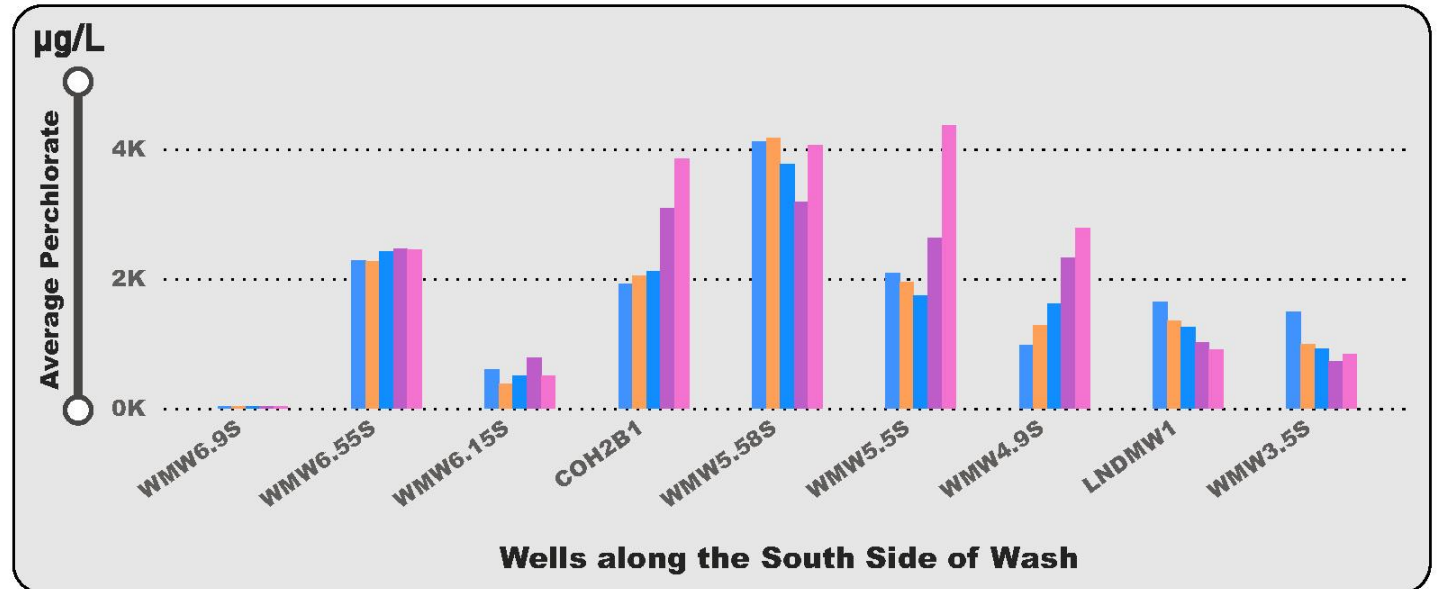
Parameter

Perchlorate

Year

Select all	2010	2012	2014	2016	2018	2020	2022
2009	2011	2013	2015	2017	2019	2021	2023

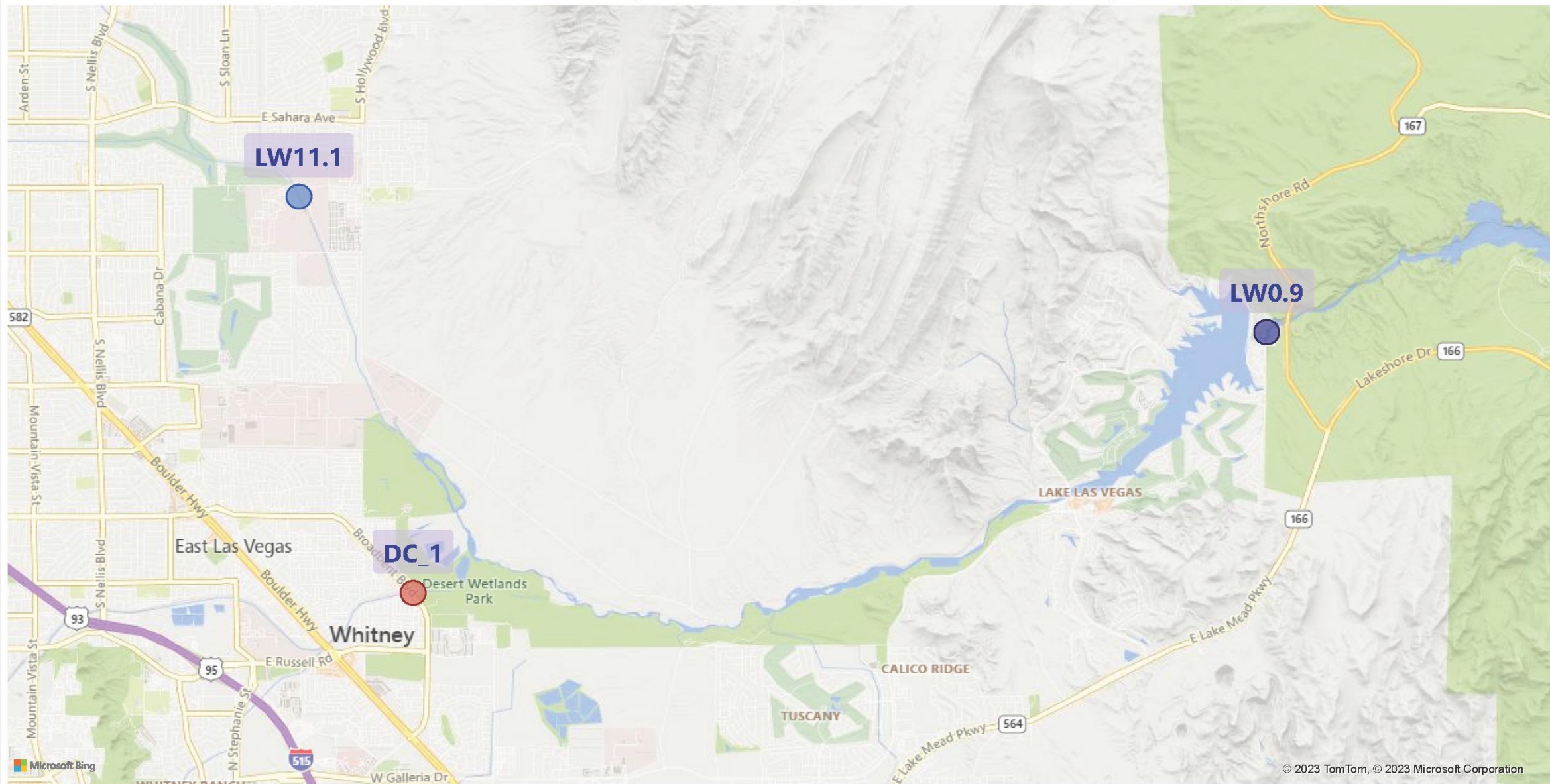
▶ || ◻ ◀ ▶ Year



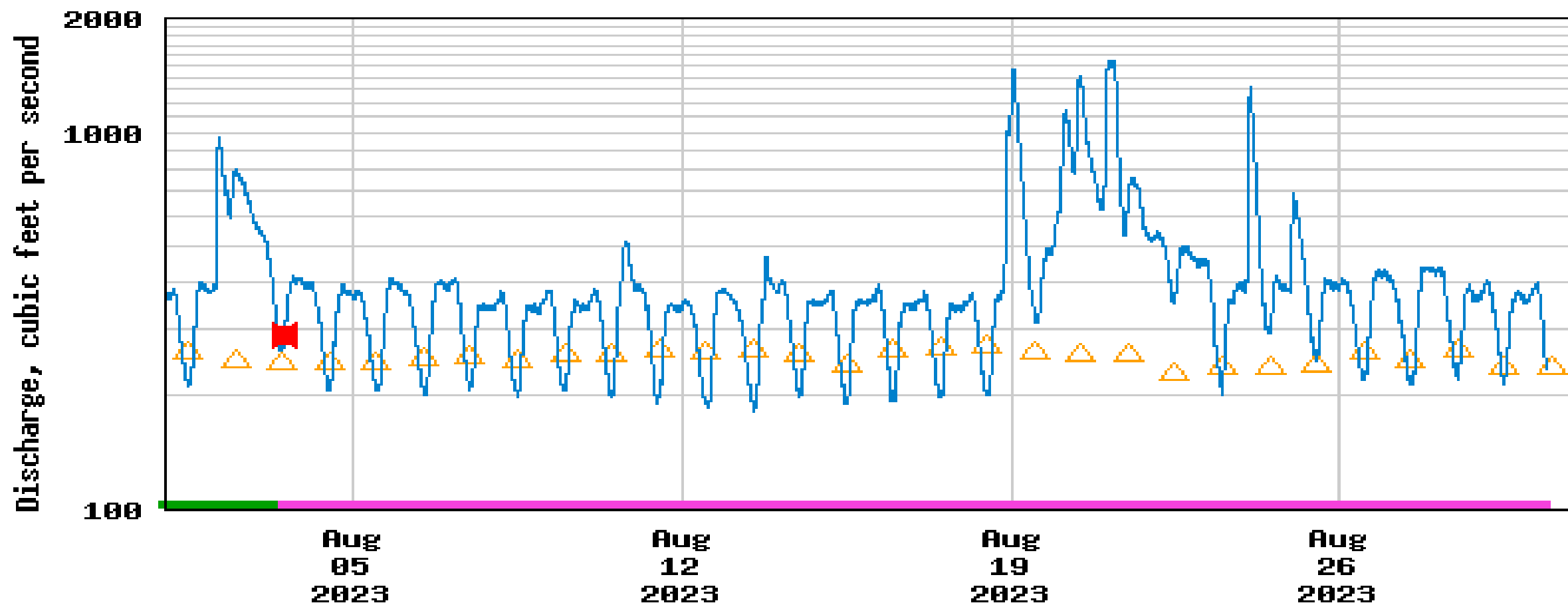
Real-time Water Quality Data from 3 Stations in the Valley

(August 2023 Data)

Real-time Water Quality Monitoring Stations in the Las Vegas Valley



USGS 09419800 LV WASH BLW LAKE LAS VEGAS NR BOULDER CITY, NV



△ Median daily statistic (37 years)

— Discharge

— Period of approved data

— Period of provisional data

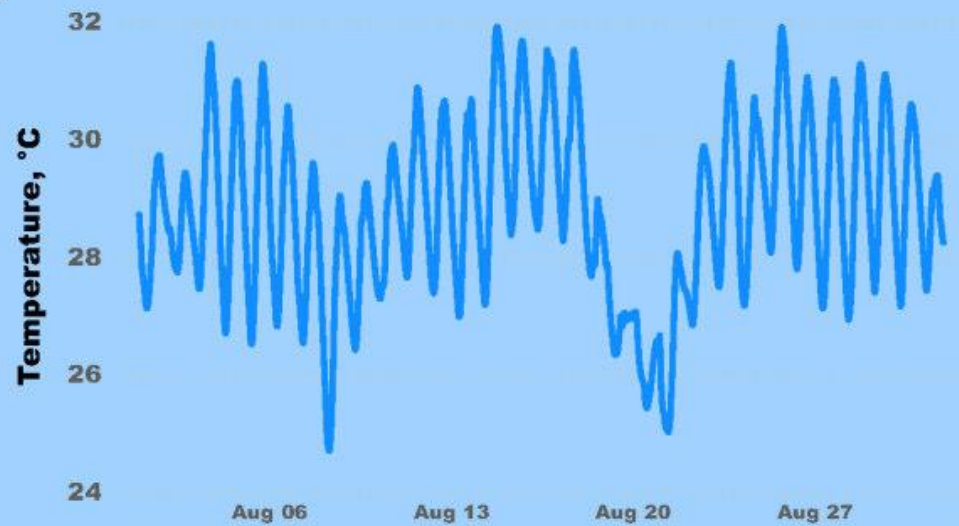
■ Measured discharge

Real-time Water Quality Data from the Lower Wash (LW0.9)

Year, Month

- < 2020
- < 2021
- < 2022
- > 2023
 - January
 - February
 - March
 - April
 - May
 - June
 - July
 - August
 - Septem...
 - October
 - November
 - December

Day



Conductance, $\mu\text{S}/\text{cm}$

2K
1K
0K

Aug 06 Aug 13 Aug 20 Aug 27

pH

8.5
8.0

Aug 06 Aug 13 Aug 20 Aug 27

DO, mg/L

8.5
8.0
7.5

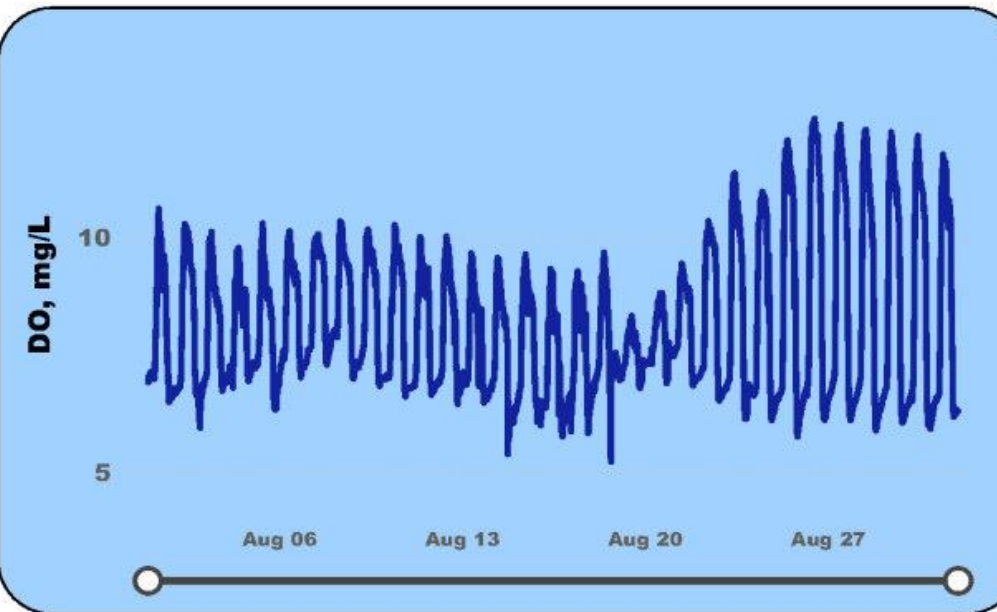
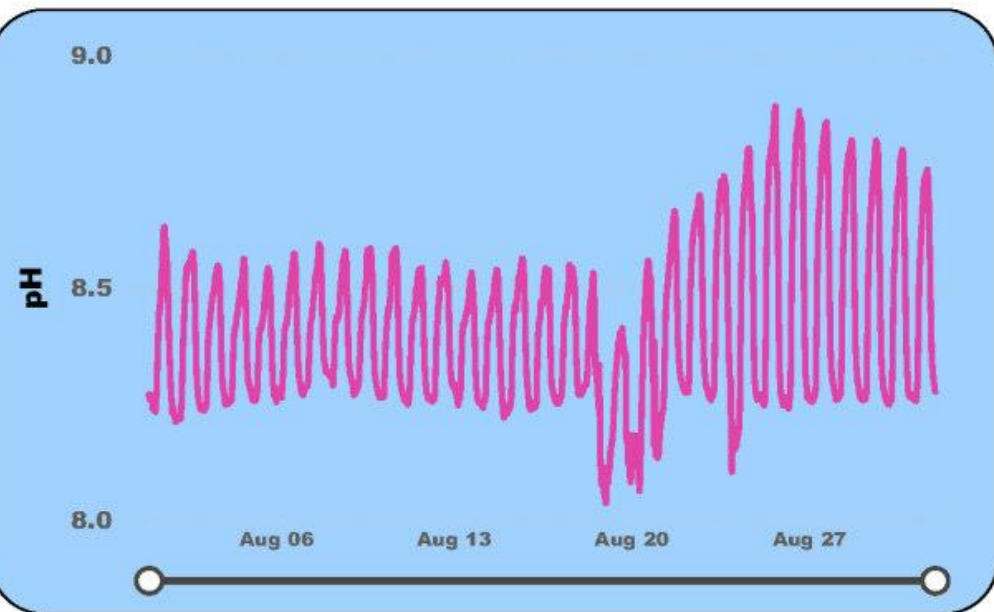
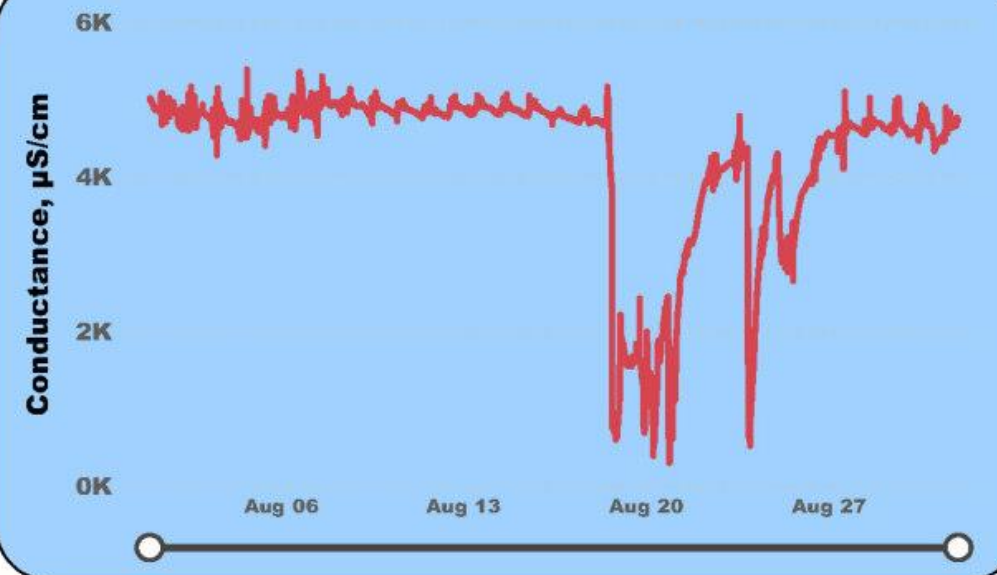
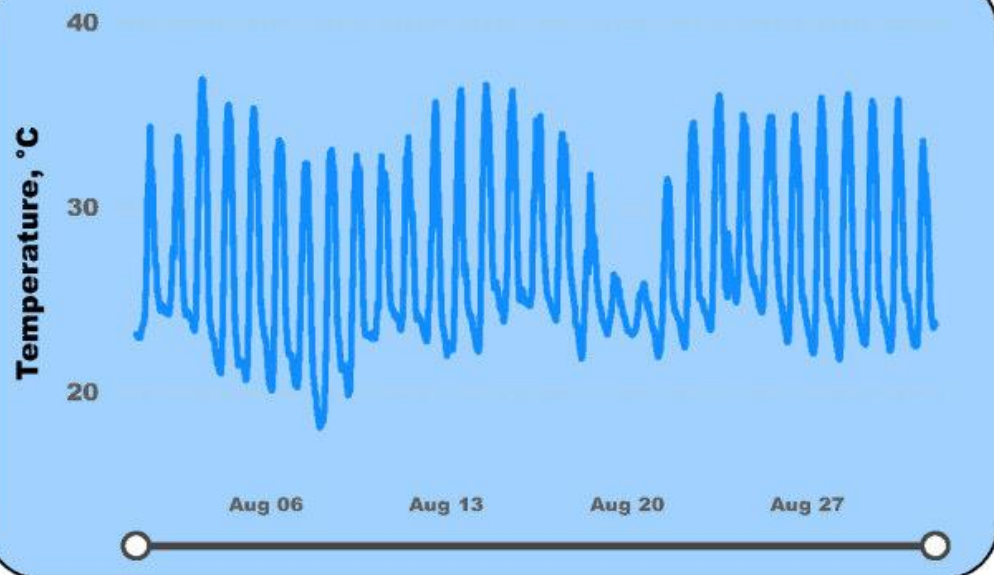
Aug 06 Aug 13 Aug 20 Aug 27

Real-time Water Quality Data from Duck Creek (DC_1)

Year, Month

- ☐ 2020
- ☐ 2021
- ☐ 2022
- ☒ 2023
 - ☐ January
 - ☐ February
 - ☐ March
 - ☐ April
 - ☐ May
 - ☐ June
 - ☐ July
 - ☒ August
 - ☐ September
 - ☐ October
 - ☐ November
 - ☐ December

☒ Day

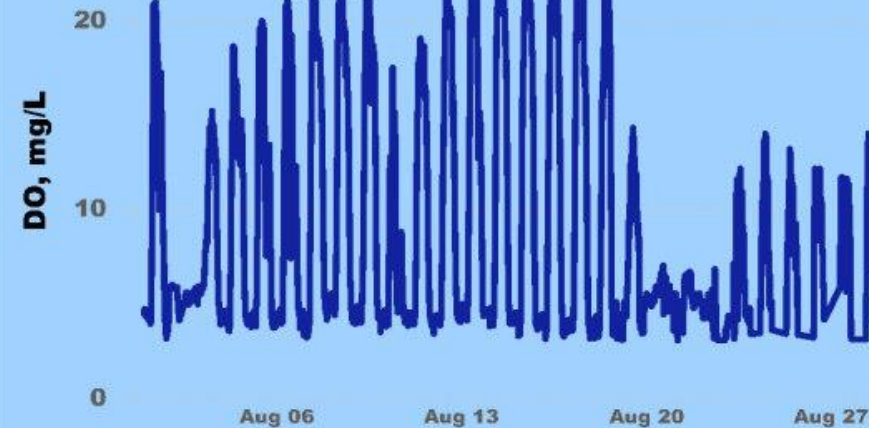
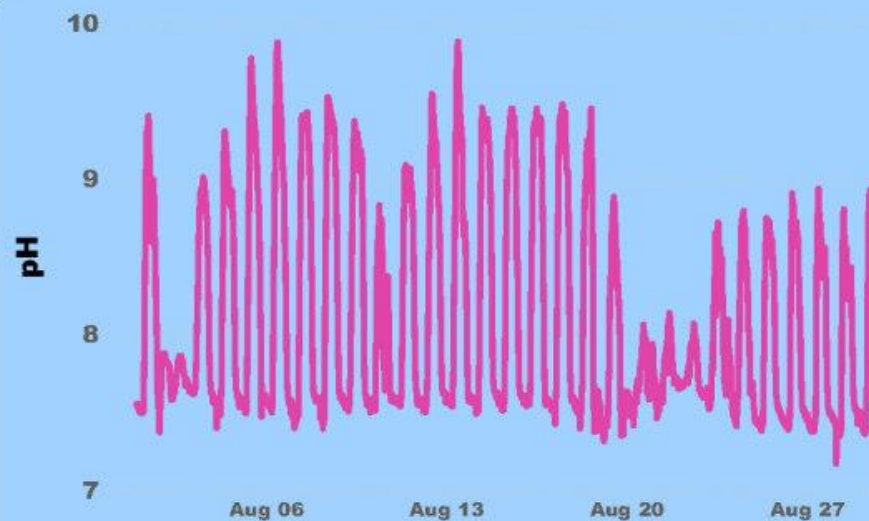
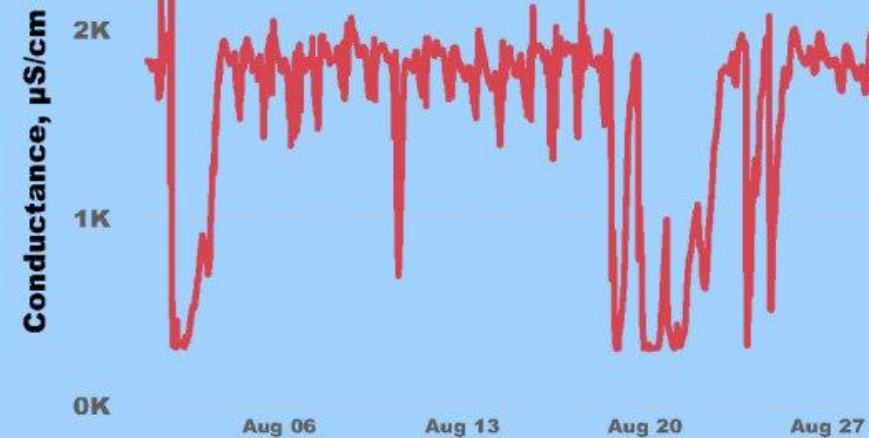
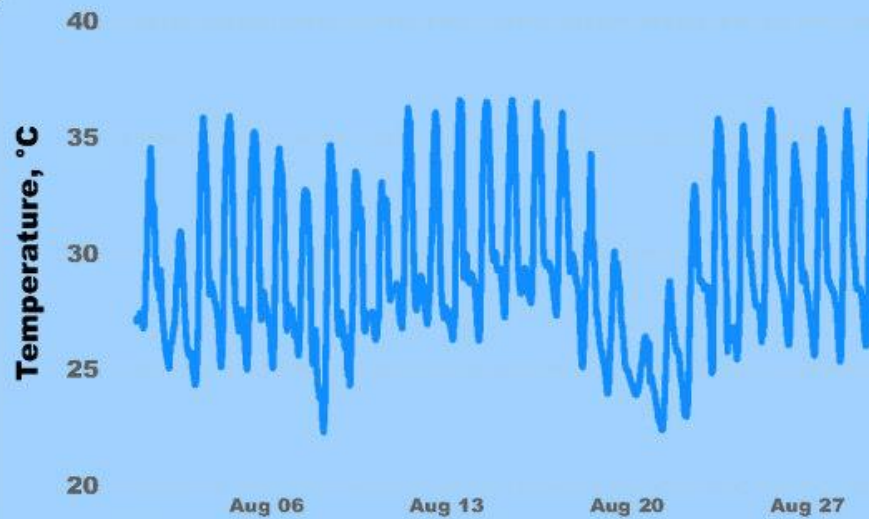


Real-time Water Quality
Data from the Upper
Wash (LW11.1)

Year, Month

- < 2020
< 2021
< 2022
> 2023
○ January
○ February
○ March
○ April
○ May
○ June
○ July
● August
○ September
○ October
○ November
○ December

Day





Questions?



Las Vegas Valley Watershed Advisory Committee (LVVWAC) Update



October 24, 2023

DRAFT

LVVWAC Update:

October 17, 2023 Meeting



Approved the Las Vegas Wash FY 2024/2025 LTOP budget

- ❧ Budget tracked monthly by category
- ❧ Stabilization O&M deferred for two years while incidental take coverage is sought for federally listed bird species
- ❧ \$300k reserve amount in the LTOP has been funded by unused dollars from FY2022/23 from non-stabilization programs
- ❧ Total operating budget: \$2,706,542
 - ❧ Estimated Bureau of Reclamation contribution + other grants: \$289,750
 - ❧ Local contribution: \$2,416,792
- ❧ Budget received unanimous approval

LVVWAC Update:

October 17, 2023 Meeting



Received update on 2022/23 accomplishments of the LVWCC

- Working on 24/25 stabilization O&M contract; flooding damage from monsoons but facilities held up well and limited extent
- Monitored water quality; selenium continued to be low at most sites
- Record threatened & endangered bird activity; reinitiated consultation with FWS through Reclamation and worked with County on coverage for the rail
- Revegetated 13.5 acres at two Wash Green-Ups; tamarisk down 99%
- Cultural concerns to be addressed on project-by-project basis
- Continued public outreach; ~12,500 people attended events

LVVWAC Update:

October 17, 2023 Meeting



Received update on Lower Las Vegas Wash

- ✧ Weir 5 design is 100% complete; Weirs 6–8 are at 30% design; and Weir 9 design has not begun
- ✧ Received 404 permit from the US Army Corps
- ✧ Permits pending for Groundwater Discharge and Working in Waterways (NDEP)
- ✧ Las Vegas Paving awarded CMAR (Construction Manager at Risk)
- ✧ Staff anticipate construction of Weir 5 to begin in spring 2024

LVVWAC Update:

October 17, 2023 Meeting



Received update on the Clark County Wetlands Park

- ❧ Wetlands Park experienced significant flooding in late summer
- ❧ Office of Public Safety was created in 2022 and supports the Wetlands Park
- ❧ Invasive Australian redclaw crayfish was discovered and removed from ponds by NDOW
- ❧ Submitting proposal for SNPLMA funding for Dragonfly Wetland Interpretation Area and Duck Creek Event Area
- ❧ Loop Trail project; Phase One to be completed in December 2024
- ❧ Wetlands Park programs, field trips and events are in full swing
- ❧ The Nature Gallery opened to the public on July 22

LVVWAC Update:

October 17, 2023 Meeting



Received update on regional water quality

- ❧ Lake Mead surface elevation increased; predictions for year-end are 1,067 ft
- ❧ Chlorophyll concentrations in the lake have stayed low over the past 20 years
- ❧ Storms in late summer caused some short-term changes in algal toxin levels
- ❧ Continued modeling Lake Mead WQ predictions for intakes/treatment impact
- ❧ Current projects:
 - ❧ Study increases in flowrate of the Wash on Lake Mead drinking WQ through 2060
 - ❧ Investigate how phytoplankton dynamics may be shifting in the lake
 - ❧ Quantitative microbial risk assessment model for the Las Vegas Valley
 - ❧ Continue simulating 5-year Lake Mead forecast based on BOR's projections

Next Meeting



April 9, 2024

2 p.m.



Clark County Wetlands Park

LVWCC Update

October 24, 2023

Elizabeth Bickmore,
Senior Program Administrator



WETLANDS PARK MISSION: *Preserving and enhancing natural and cultural resources and providing educational, recreational, and research opportunities for the public.*



**WETLANDS PARK LANE,
Tropicana Wash**



OVERLOOK #2, DOWNSTREAM OF MONSON WEIR, LAS VEGAS WASH





Overlook #2, DOWNSTREAM OF MONSON WEIR, LAS VEGAS WASH

Cottonwood Grove





Downstream Visitor Center
Weir,
LAS VEGAS WASH





NATURE PRESERVE





Office of Public Safety: Formerly Park Police

- Created in 2022
- Combined “Park Police” functions with Security
 - Police
 - Security Officers
 - Contract Security
 - 100+ County Parks
- Roving Security
 - Lock bathrooms & gates
 - Patrols





Wetlands Loop Trail Safety

Exploring Options

- Ebikes
- Rules and Etiquette
- Speed limits
- Signage

Barriers

- Fencing repairs
- Plan segments





Invasive Species Removals

Domestic rabbits – 150+ released

- Animal Control
- Offender identified

Australian red claw crayfish

- NDOW
- Unknown perpetrator & extent of release





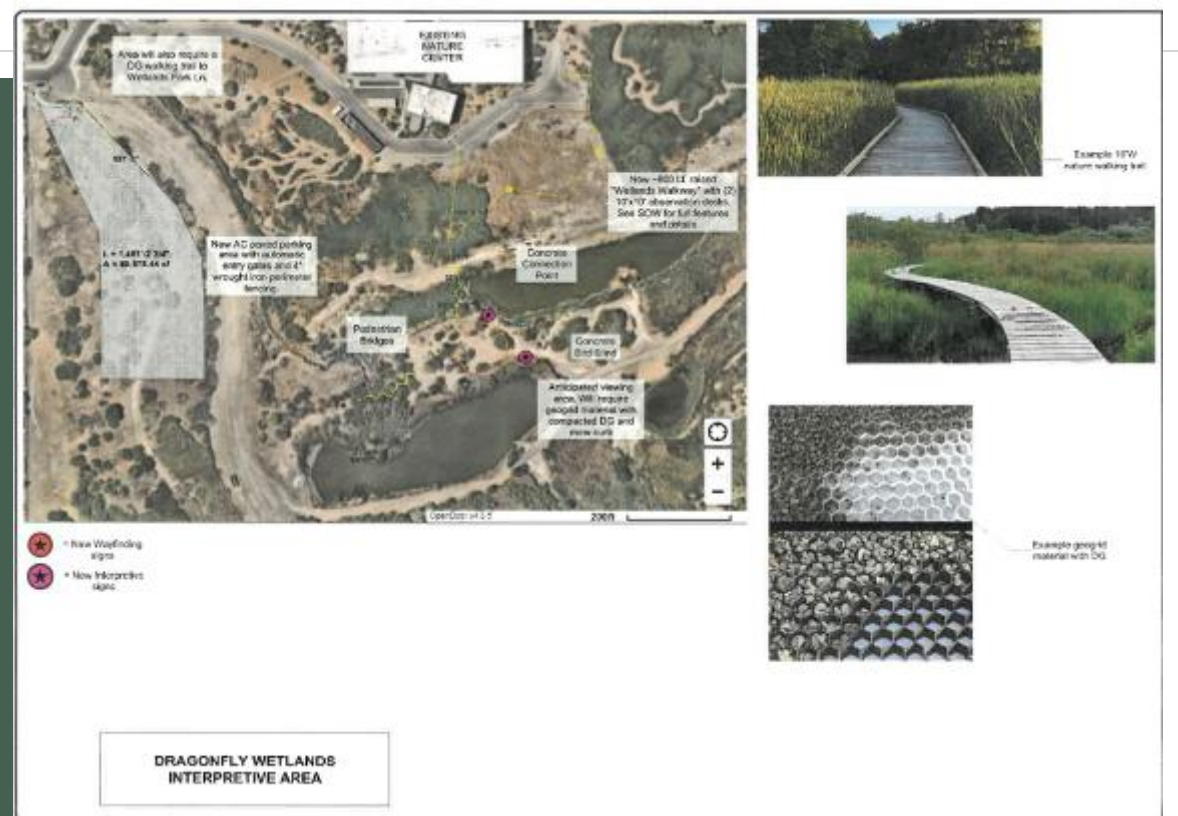
SNPLMA RD 20 Proposal

Dragonfly Wetland Interpretation Area

- Bird Viewing area
- Wetland Walkway
- Expanded parking
- Gate, lights

Duck Creek Event Area

- Event Area
- Nature art trail
- Expanded parking
- Gate, lights



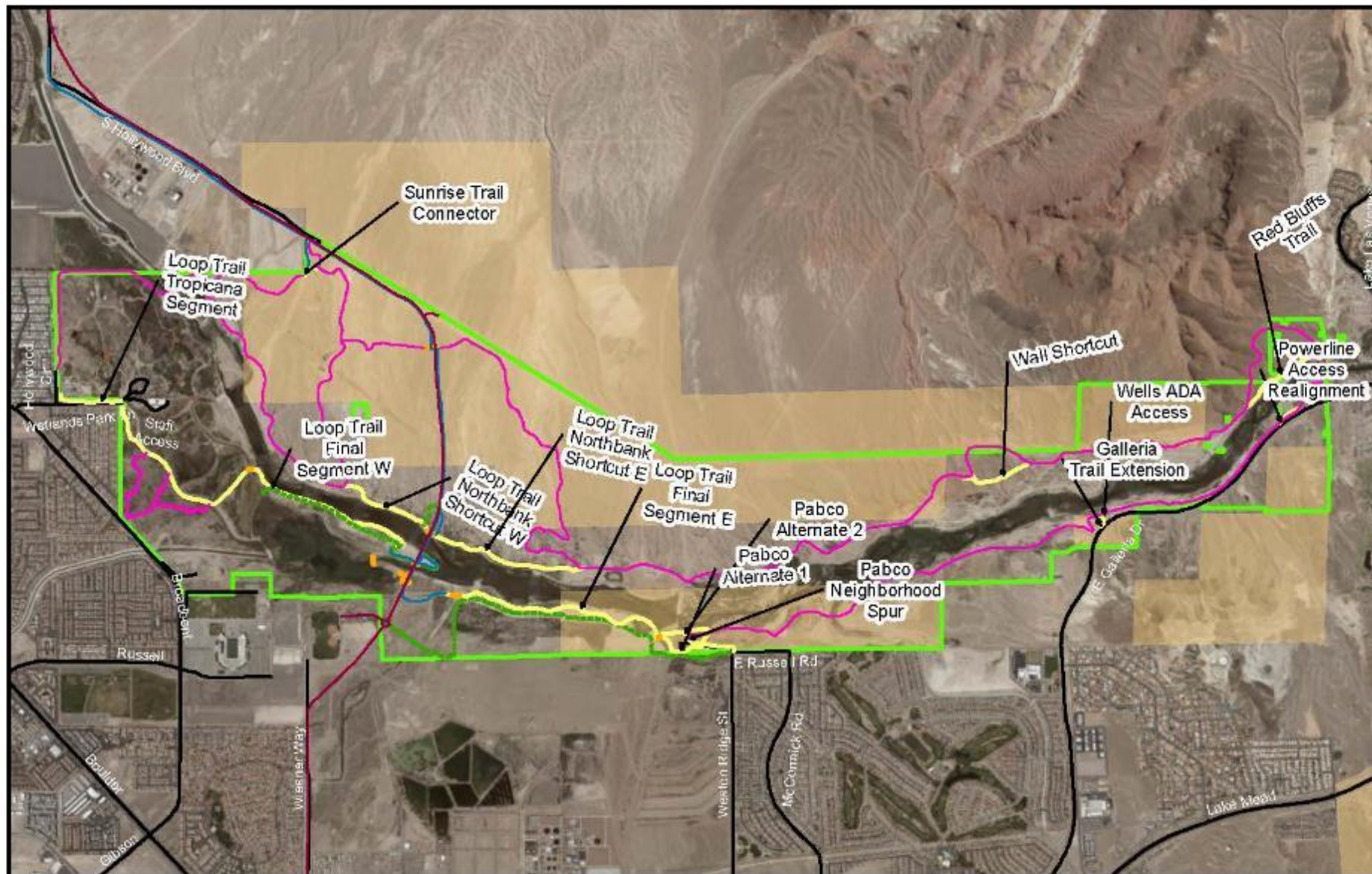


Wetlands Loop Trail Completion

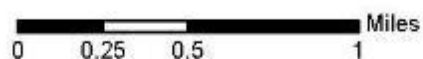
Trail Completion

- Conserve Nevada
 - \$10M allocation, proceeds from bond sales AB 84
- Phase I – December 2024
 - \$2M
 - Design approximately 4.9 miles (paved and service road)
 - Pave initial segment and associated service road
- Future Phases
 - \$6M
 - Pave remaining miles and associated service road





**Clark County Wetlands Park
Proposed Paved Multi-Use Trail Improvements
MAP A**



DRAFT. Not for distribution. Date: 8/11/2022





Screwbean Mesquite Die-Off



Screwbean mesquite affected throughout their range

- AZ, UT, NV – including Wetlands Park
- Study Causes - Unknown
 - Insect vector, fungal pathogen, climate change?

Mesquite Common Garden Wetlands Park Proposed

- Trees propagated from various areas in southwest



Stewardship

- 22 Public Stewardship Events FY23
 - 715 public volunteers
 - 1520 total public volunteer hours
 - 589 WP staff and volunteer hours
- Wetlands Watch Volunteer Program
 - 59 volunteers
 - 1,216 reports submitted (Avg 3 per day)
 - 1,867 volunteer hours
 - 27,556 visitors contacted on the trails
- NFL Greening Superbowl
 - Nature Play Corner
 - December 7, 2023
 - Sponsors
 - NFL Green, Verizon, Wetlands Park Friends





Spotlight on Nature Gallery (SONG)

- Grand Opening July 22, 2023
 - 50 lineal feet of wall space
 - Hanging track system, lights
- Gifts of the Wetlands
 - Inaugural Exhibit
- Friendly Pollinators
 - Free to Fly, Bobbie Ann Howell, September 6 – October 22
- Beyond the Desert
 - Photographs by Philip Martini, November 2 – December 22





WETLANDS PARK NATURE STORE



Total FY 2023 Sales: \$50,036.10



Field Trips 2023-2024

Guided Field Trips

- Start October 5th
- Buses provided by Wetlands Park Friends

Self-Guided Field Trips

Virtual Field Trips

Assemblies

Fee-Based Private Field Trips



57,800 students have attended Field Trips at Wetlands Park since 2001



Wetlands Park Friends

- \$11,500 for CCSD Field Trip Buses
- Wetlands Park Mobile APP
- Stewardship programs
 - NFL ProBowl
 - plants, gloves, auger, food
- Events
 - Haunt the Wetlands & Holiday Lane
 - Decorations and supplies
- Park Promotions
 - Volunteer recruitment, programs, tabling
- Support WP Animal Ambassadors



CCWetlands/2022/Volunteers





Events

Haunt the Wetlands October 27

2024 Events

- Wetlands Art Day - March 23
- BioBlast – April 27
- Discovery Day - June 8
- Pollinator Party - JUNE
- Stalking Twilight – August 15
- Astronomy in the Park - September

CLARK COUNTY PARKS & RECREATION PRESENTS



CLARK COUNTY WETLANDS PARK

FRIDAY, OCTOBER 27, 2023

HAUNT THE WETLANDS

WALK AMONG THE CREATURES OF THE NIGHT! BRAVE THE SPOOKY MAZE!

4 PM - 8 PM

ADVANCED TICKETS: \$6
DAY OF TICKETS: \$10
TICKETS REQUIRED AGES 4 TO ADULT.
AGE 0-3 FREE. NOT A TRICK-OR-TREAT EVENT.

TICKETS: [EVENTS.CCWETLANDSPARK.COM](https://events.ccwetlandspark.com)

Clark County Wetlands Park
7060 Wetlands Park Lane
Las Vegas, NV 89122
(702) 455-7522
wetlands@clarkcountynv.gov

Special Thanks to:



together for better



News and Social Media



Wetland Navigator

- Nearly 1000 individual users
- 22K uses of the app
- Average 30-minute engagement time



Welcome to Clark County Wetlands Park

Clark County Wetlands Park is one of the largest urban wetlands in the desert Southwest. With more than 300 species of birds and 70 species of mammals and reptiles spotted in the park, this surprising watery oasis features diverse habitat not often found in the Mojave Desert, the driest desert in the nation.

At 2,900 acres, Wetlands Park has a lot to explore. The Nature Center and Nature Preserve are the heart of the park. Learn about the habitats, history, water, and wildlife in the Park through interactive exhibits at the Nature Center. The Nature Preserve is a special area designated for picnics (and only no dogs allowed) and features informational wayposts along new 6 miles of paved and unpaved trails. Beyond the



Stormwater Pollution Awareness Month

Facebook

- 11,148 likes
- 12,000 followers
- 19,702 people checked at WP



Instagram

- 4,162 followers
- 749 posts

Twitter, Youtube

Questions?

Nominated: Best Place to Take Visitors



BEST OF LAS VEGAS
2023



[CLICK TO VOTE](#)

