



Silver Lake Reservoir Complex Project Update June 5, 2019

Silver Lake Neighborhood Council



Operations

Infrastructure and Facilities

Silver Lake and Ivanhoe Reservoirs are no longer part of the water system

Division of Safety of Dams – Jurisdictions

- Silver Lake Dam and Ivanhoe Dam
- Ivanhoe-Silver Lake Spillway and Silver Lake Spillway

Silver Lake Reservoir 66-inch Bypass Pipeline and Regulator Station

Reservoir Filling

- Silver Lake and Ivanhoe Reservoir Towers
- Gate Wells
- Vaults
- Pipeline Network

LADWP Personnel

- Landscape Services Yard and Reporting Location
- Treatment Operations Reporting Location
- Security Guard presence 24/7



Silver Lake Reservoir Complex Maintenance

Conducted by LADWP Personnel

- Dam and spillway safety monitoring
- Regulator station maintenance
- Reservoir filling (as-needed)
- Landscaping, weed abatement, general facility upkeep
- Water quality sampling (regularly scheduled) and treatment (as-needed)
- 24/7 Security

Conducted by Non-LADWP Personnel

- **National Park Service**
 - Coyote Habitat Monitoring
- **Los Angeles County Vector Control**
 - Coyote Feces Removal
 - Midge Fly & Mosquito Monitoring
- **Los Angeles City Bureau of Sanitation**
 - Rubbish Removal

Current Recreational Use on LADWP Property

Paths

- Silver Lake Dam Path
- Ivanhoe Path
- Tesla Sidewalk (Tesla Dam)
- Perimeter Paths

Licenses

- Recreation and Parks
 - Silver Lake Meadow
 - Silver Lake Dog Park
 - Grassy Areas n/o Recreation Center
- Neighborhood Nursery School

Olive Grove Adjacent to Nursery School



Aeration and Recirculation Systems

Project Objectives

Install aeration and recirculation systems to properly mix and de-stratify the reservoir water



Project Status

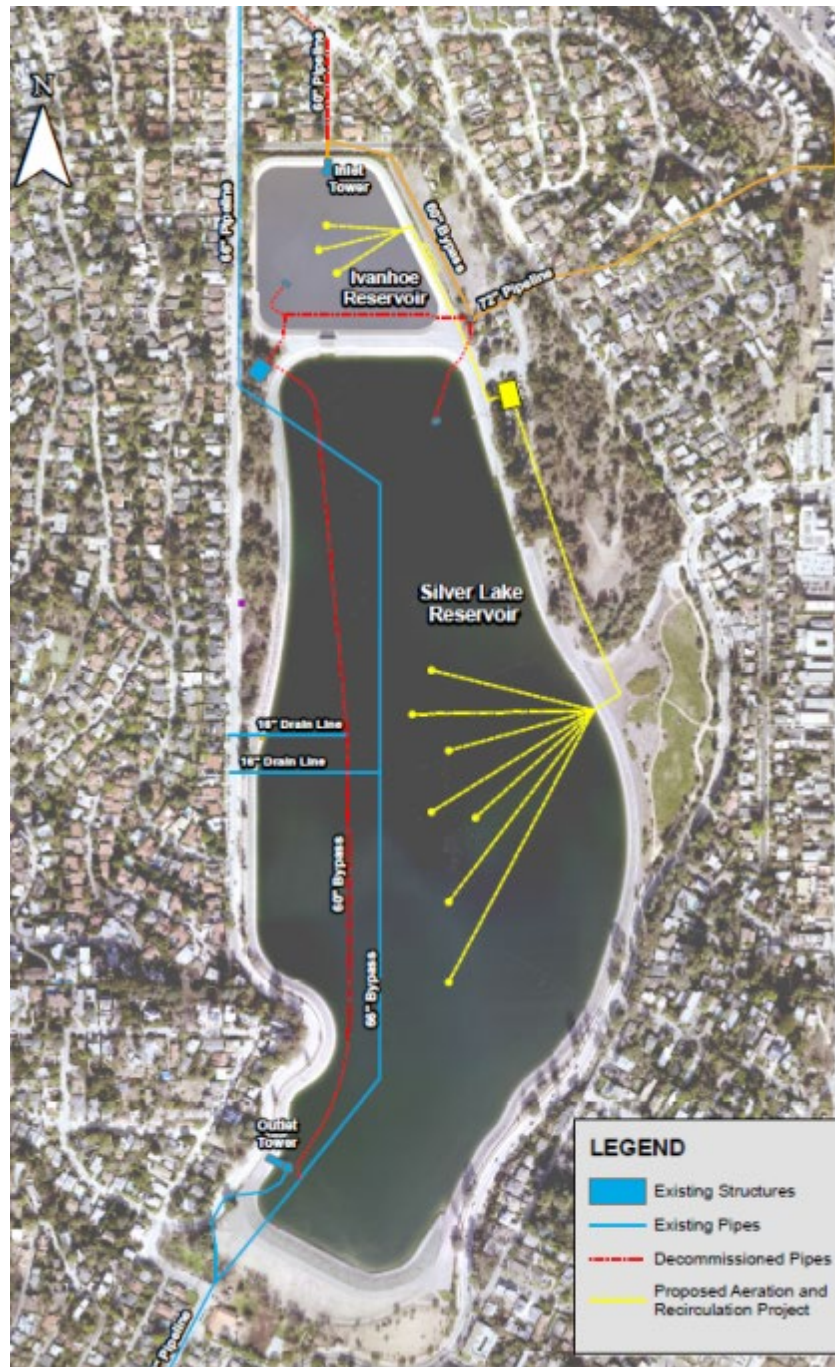
Aeration System

- Design was completed in May 2018
- Construction is anticipated to start in winter 2020 by in-house construction forces

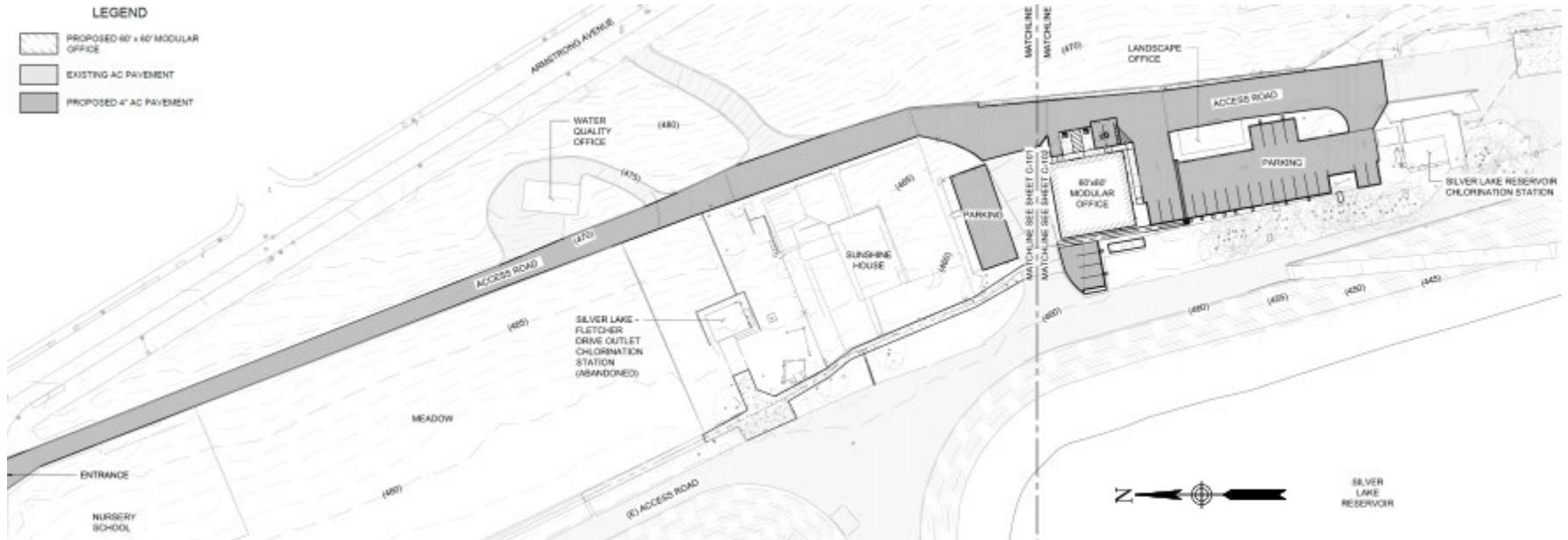
Recirculation System

- Design started in October 2018, it is 30% complete
- Construction will follow the aeration project also by in-house forces
- Anticipate both systems will be operational by Spring 2022

Silver Lake Reservoir Complex



Modular Office Site Plan

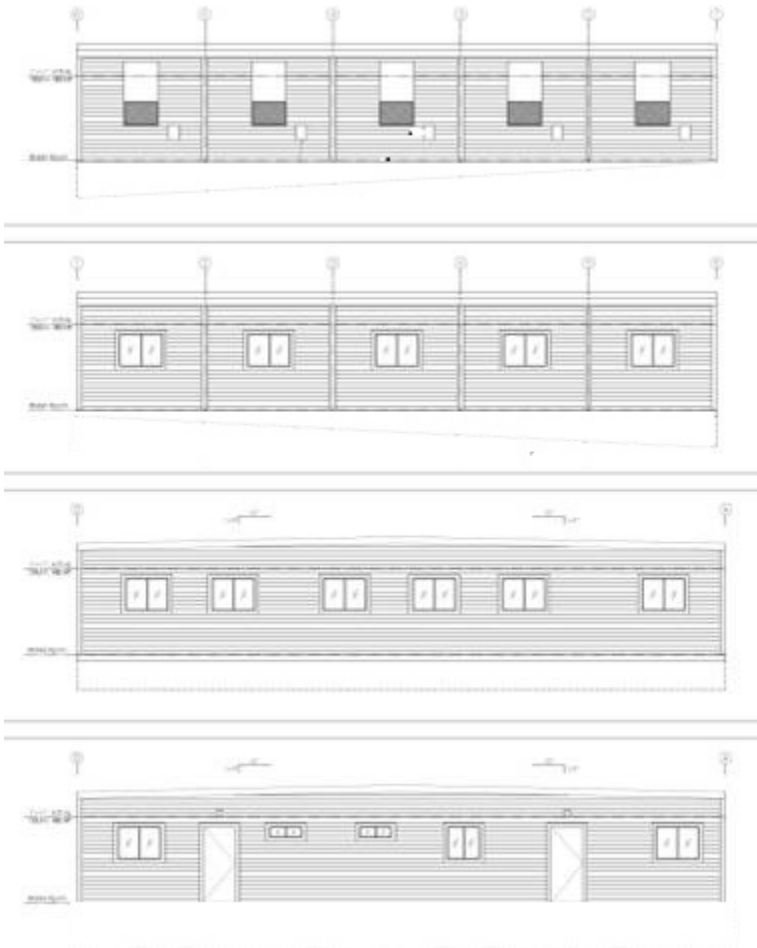


**60% Design Drawings*

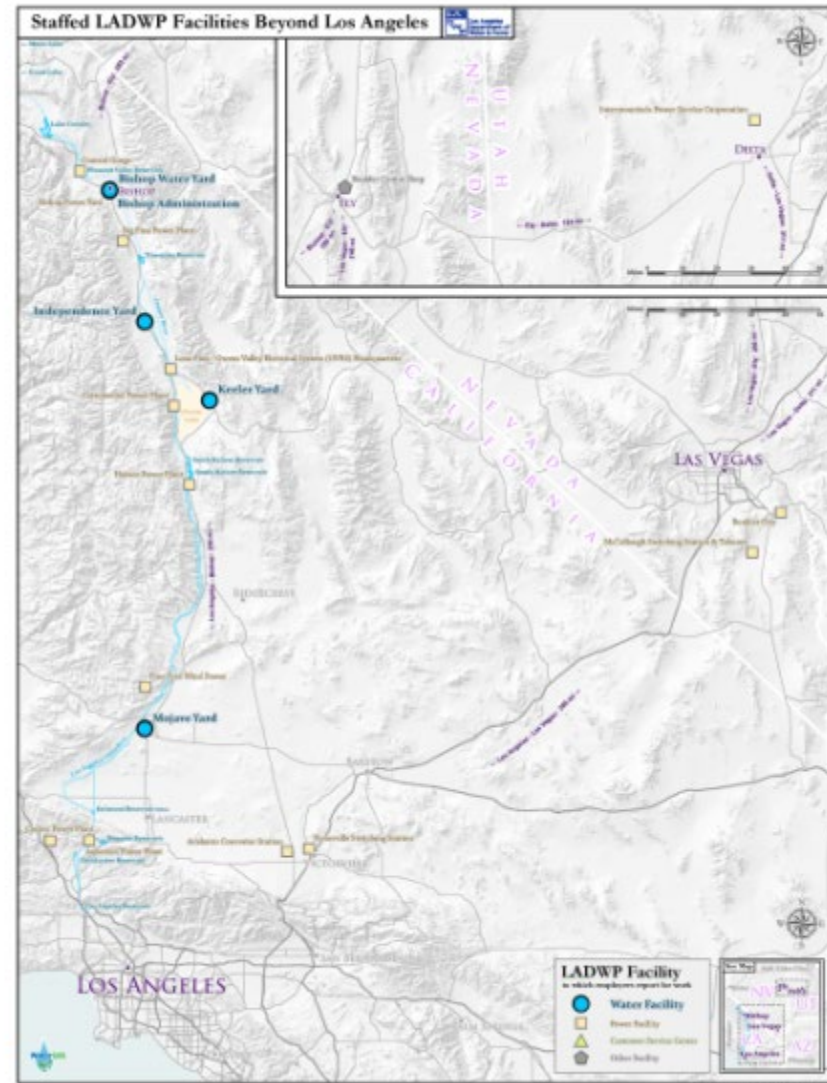
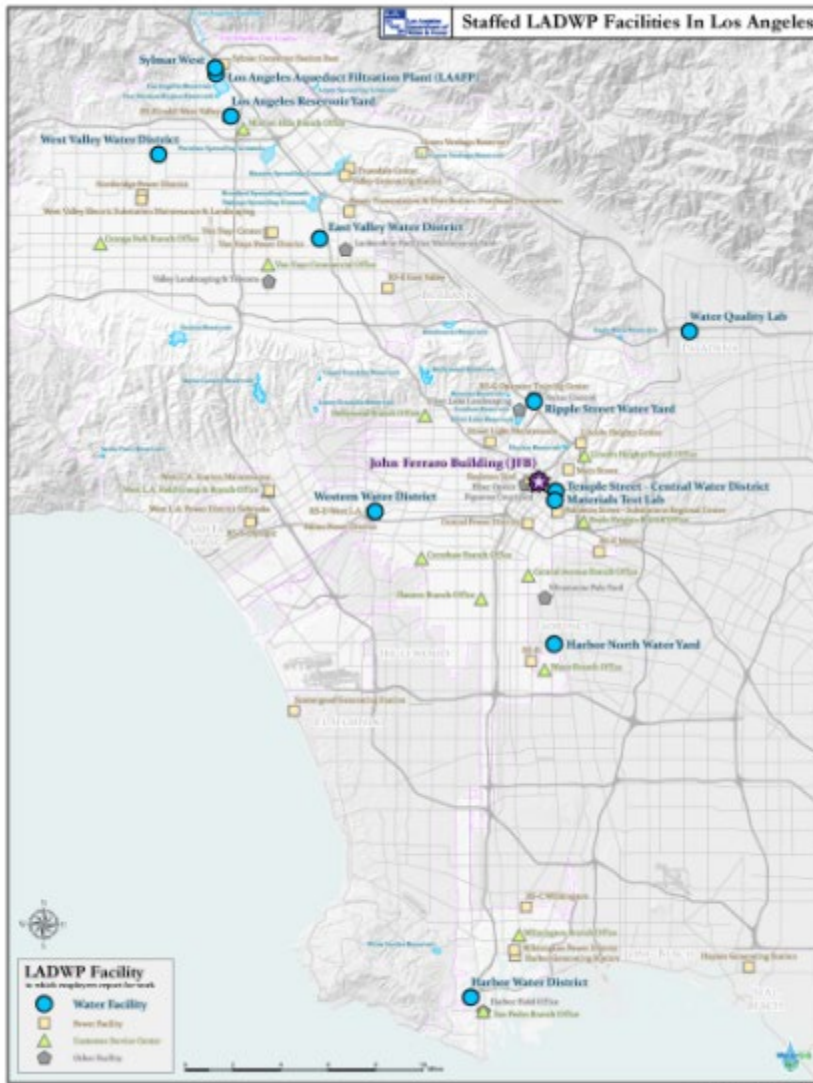
Modular Office Walls

HardiePlank® Lap Siding **SELECT CEDARMILL**

Our natural cedar look has a soft texture that mimics wood. A great choice for historic homes, mountain chalets, woodsy retreats and ranch houses

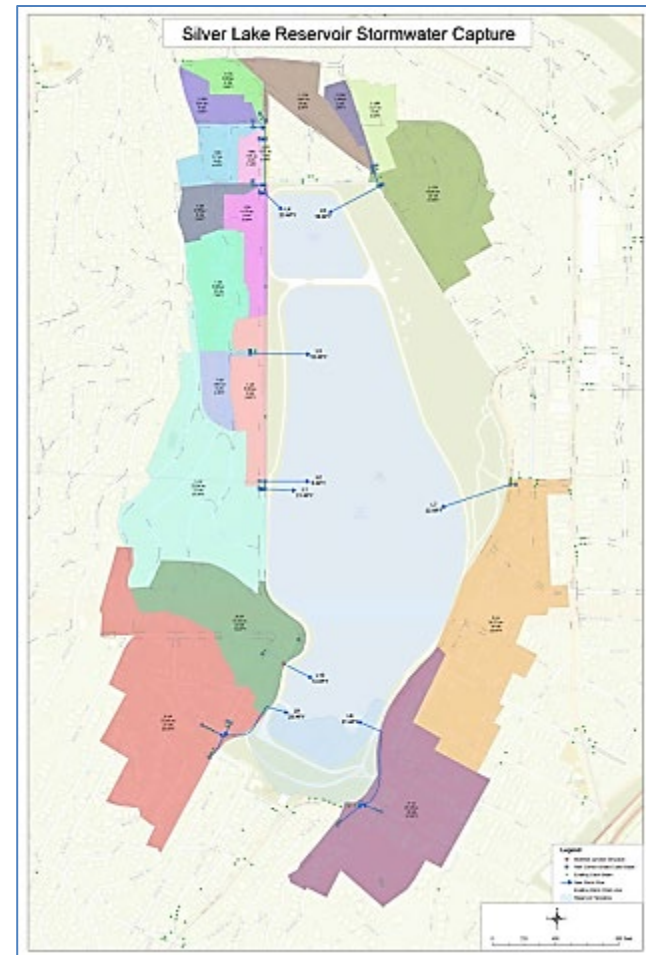


Staffed LADWP Facilities

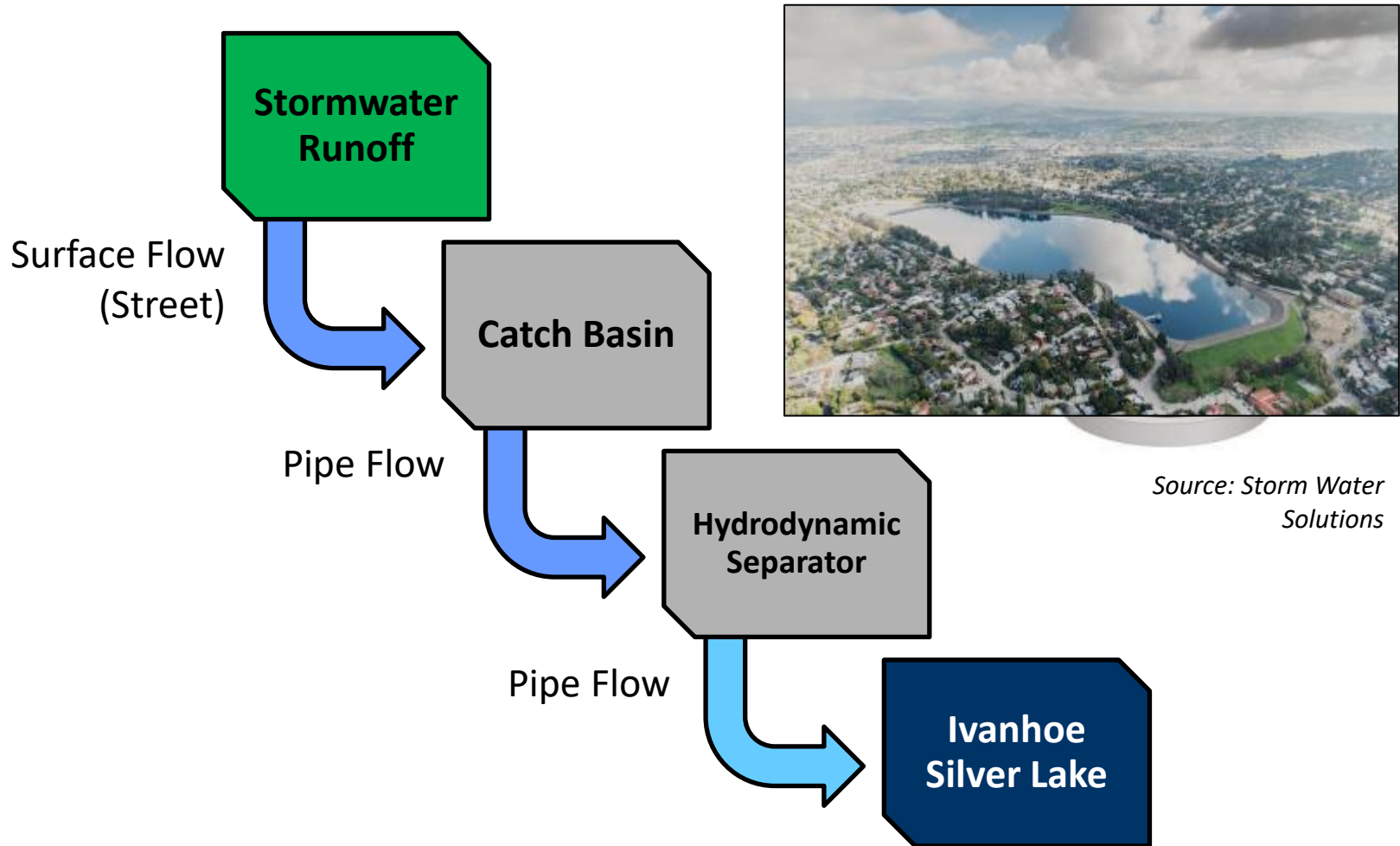


Stormwater Capture Project

- Capture stormwater with new infrastructure
 - Catch basins
 - Hydrodynamic separators
 - Storm drain pipe
 - Valves
- Partnership
 - Bureau of Engineering
 - Bureau of Sanitation



Stormwater Conveyance





SILVER LAKE RESERVOIR COMPLEX MASTER PLAN

- Silver Lake Reservoir Complex Master Plan
 - Managed by the Department of Public Works – Bureau of Engineering
 - Facilitated by Consultants - Hargreaves Associates
- Upcoming Community Workshop in June 2019
- For more information, visit <https://eng.lacity.org/slrcmp-home>
- For questions and concerns, please email eng.slrcmp@lacity.org

Community Outreach

Improvements and Infrastructure Projects

January 2018	Council District 4 & 13 Briefing
January 2018	LADWP Website Posted Fact Sheets
January 26, 2018	Nextdoor Posted project Fact Sheets
February 10, 2018	South Dam Pathway Opening
May 22, 2018	Silver Lake NC meeting
January 26, 2019	Ivanhoe Pathway Opening
May 1, 2018	Bureau of Engineering Open House
June 5, 2019	Silver Lake NC meeting

Questions?

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Updates

www.LADWP.com/SLRC



