



Organization, Personnel & Effectiveness Committee

Safety and Environmental Program Quarterly Update

Item 6a
July 8, 2025

Item 6a

Safety and Environmental Program Quarterly Update

Subject

Safety and Environmental Program Quarterly Update

Purpose

Provide an update on metrics, initiatives, and regulatory changes

Quarterly Report

Safety and Environmental Program Quarterly Update

- ▶ ● June Safety Month
- ▶ ● Injury Data and Metrics
- ▶ ● Executive Safety Committee 6/3/25
- ▶ ● Enterprise-wide Support
- ▶ ● Safety Committee Forum

Celebration Photos

Gene/Intake



Method Air Medical Transportation

Union Station



CHP Lunch & Learn & PPE Display

Mills Water Treatment Plant



Safety Communications Award



Safety Awards

 Safety Excellence	 Safety Communications	 Safety Prevention
Diemer - Treatment & Water Quality Achieved required 2024 goals for Safety Inspection Completion, Training Completion, Toolbox Completion, Safety Committee Meeting, JSH Checklist and Hazard/Near-miss Recognition (SRR).	Jensen - Treatment & Water Quality Mills - Treatment & Water Quality Eastern Region Unit - C&D Achieved required 2024 goals for Toolbox Completion, Safety Committee Meeting, and Hazard/Near-miss Recognition (SRR).	Western Region Unit - C&D Construction Services Unit - IOPSS Achieved required 2024 goals for JSH Checklist and Hazard/Near-miss Recognition (SRR).



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Injury Data
and
Metrics

Metropolitan Incident Rate

Year	#EE	# Recordable Injury	Total Incident Rate (IR)
2023	1899	35	2.1
2024	1907	26	1.5
2025 (as of 6/9/25)	1901	22	2.9
CALIFORNIA AVERAGE INCIDENT RATE (2023)			5.1

Metropolitan Nature of Recordable Injury

Year	# Recordable Injury	Total Incident Rate (IR)
2025 (as of 6/9/25)	22	2.9
CALIFORNIA AVERAGE INCIDENT RATE (2023)		5.1



Nature of Recordable Injury

- 6 - Line of Fire Hazards
- 4 - Cumulative/Repetitive
- 4 - Hearing Loss
- 8 - Others

EHS Key Performance Indicators (for Operations)

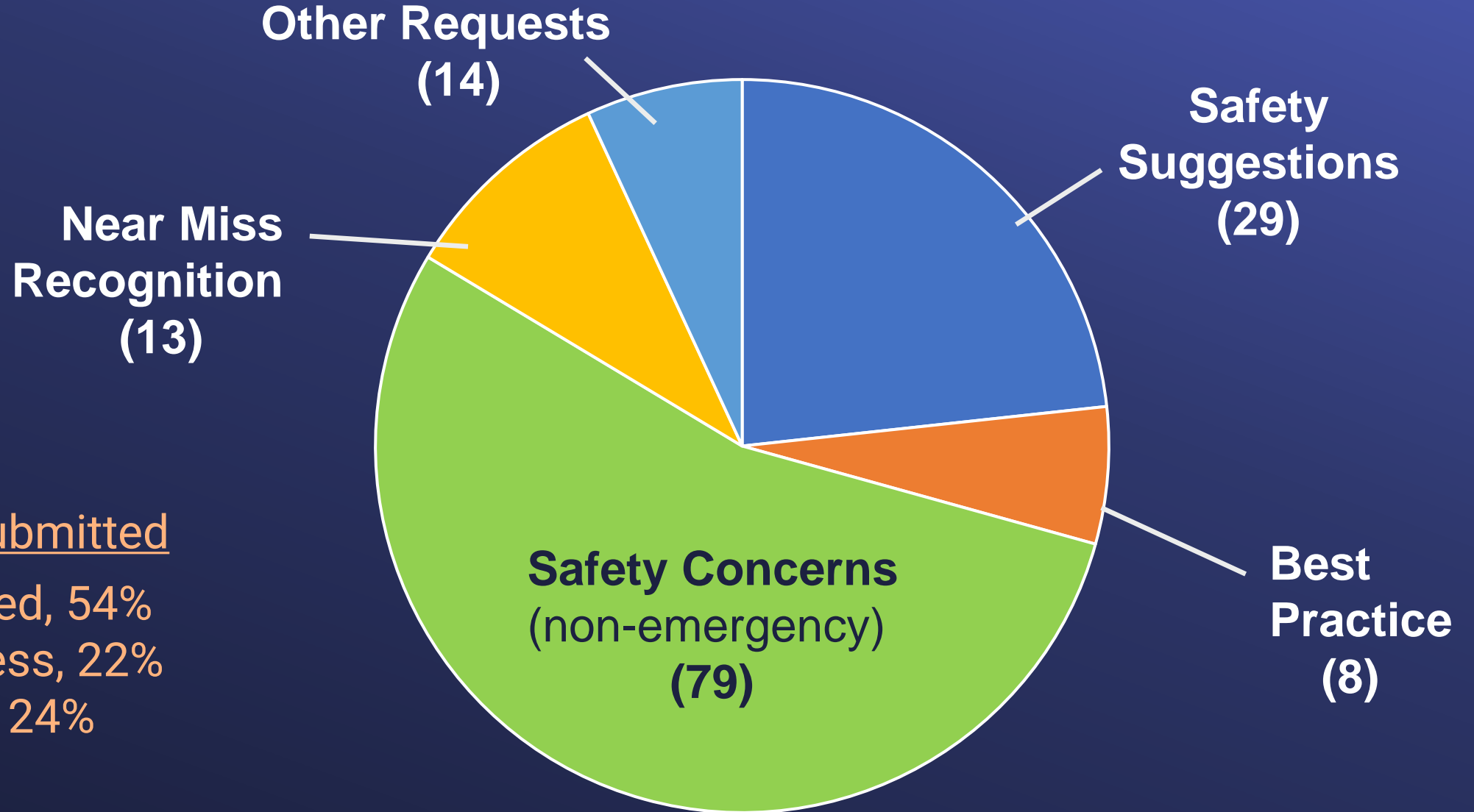
(as of June 9, 2025)

Key Program Indicators	Type	Goal	Result ¹
Safety Inspection Completion Rate	Leading	≥90%	98%
Mandatory Safety Training Completion Rate	Leading	≥ 90%	92%
Toolbox completion Rate (every 10 days)	Leading	≥ 90%	93%
Safety Committee Meeting Rate (once per quarter)	Leading	≥ 90%	100%
			Reported
Recordable Injuries	Lagging	0*	22
Regulatory Violations	Lagging	0*	2
Reportable Spills	Lagging	0*	11

¹ Green shading denotes goal met; yellow shading denotes goal was not met

* Aspirational Goal

Safety Review Requests (SRR) as of 5/31/25



143 SRRs Submitted

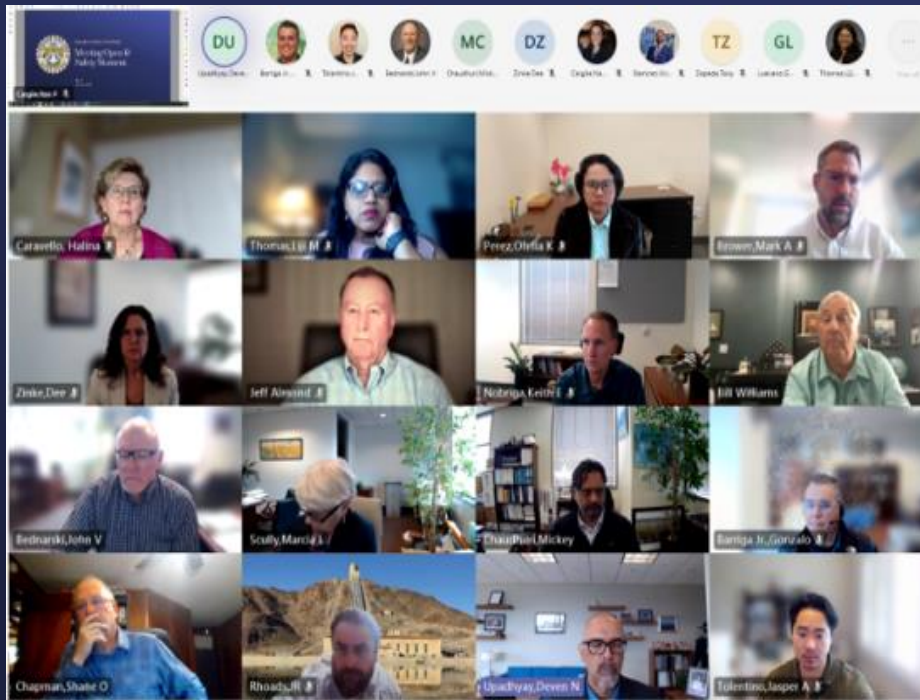
76 Completed, 54%

32 In-Progress, 22%

35 Pending, 24%

Executive Safety Committee

NSC presented an abbreviated introduction to Safety Culture and Leadership Training



Actions Approved

- Employee Safety Recognition Program
- Safety Leadership Training Module
 - Safety Culture, Modeling the Behavior, and Back to Safety Basics courses for all levels of management
 - Rollout planned for mid-Fall 2025

June 25, 2025

Executive Meeting

Safety Inspections (2025 To Date)



- Inspection at Union Station 4/20/25
- Inspection at Diemer 6/4/25
- Inspection at Weymouth 6/16/25

Environmental Agency Inspections (2025 To Date)



- 51 Total Regulatory Inspections
 - 2 of 51 Inspections - had a violation associated with USTs
- 5/15/25 Federal EPA Inspection at Iron Mountain

Enterprise-wide Support



Environmental Regulatory Actions

- California Environmental Reporting System (CERS) Hazardous Materials Business Plan submittals
- 5-year Risk Management Program Submittal for the Chlorine Operations at Weymouth Treatment Plant
- Rule 1445 SCAQMD evaluation of pollution control for plasma arc cutting



Safety Communications – Safety Talks

Enterprise-wide Support

MWD Safety Talk

TB168 – Personal Safety During Civil Unrest



Civil unrest or civil disturbance are situations where law enforcement and security forces struggle to maintain public order or tranquility. During these times, your safety remains Metropolitan's top priority. Review the following guidance to help ensure your well-being.

General Safety Tips and Planning Ahead

- **Avoid protest zones** or any areas with large, active crowds—especially after dark.
- If you see signs of unrest (e.g., groups forming, loud noises, damaged property), leave the area immediately.
- **Do not engage** with protestors, counter-protestors, or law enforcement on the scene.
- Stay calm, courteous, and neutral in appearance and behavior.
- **Check traffic and news alerts** before leaving home or work (use navigation when planning your route to check real-time road conditions). **Plan for alternative routes** that can be used to avoid known protest areas.
- Keep your vehicle fueled and charged, with a phone charger and emergency kit inside.
- Be alert while walking to and from parking areas or public transportation.

Telework Guidance

- If directed to work remotely, remain reachable during business hours.
- Avoid unnecessary travel near impacted areas.

Reminders While at Work

- Stay in close contact with your manager and monitor any alerts from Security or Emergency Management.
- Arrange for a check in/out with your manager or lead.
- If conditions escalate, follow instructions promptly, including shelter-in-place or evacuation directives.
- Report suspicious activity immediately to Security or Security Watch Center at SecurityWatchCenter@mdw20.com or (800) 555-5911.
- **Awareness is your best defense**, so be mindful of your surroundings.
- Look official by wearing proper attire (hard hat, vest, identification badge) so others do not question your intentions. By wearing your PPE, you show that you are a public utility employee.
- Report any threatening behavior or encounters – especially trespassers – to Security Watch Center immediately.
- Keep your phone charged and close at hand. Make sure emergency contacts are up-to-date.
- Stay safe, stay alert, and do not hesitate to ask questions or raise concerns to your manager or Security.

Resources

- The **Employee Assistance Program (EAP)** is available to all staff for emotional support or guidance.

To Contact Special Agent on Duty
Email_SecurityWatchCenter@mdw20.com
SecurityWatchCenter@mdw20.com
Security Watch Center: 1-800-555-5911

Key Contacts

USHQ Headquarters Security Desk: 213-217-7070
Security Unit Manager: Tami Benito, 310-926-7181
Security Team Manager: David Goss, 313-307-6703

Need help?
Call toll-free, 24 hours a day, seven days a week: (800) 624-4039
Or visit us at:
<https://member.mosellhealthcare.com>

Personal Safety During Civil Unrest

MWD Safety Talk TB167 – Line of Fire Hazard Awareness



Line of fire hazards refers to situations where an employee is at risk of being injured due to releasing energy or being in the path of a moving object. Essentially, when an employee is in harm's way, they could be struck, caught, pinched, or crushed.

Categories of Line of Fire Hazards

1. **Caught in or between:** This is the most common type of "line of fire" incidents, when someone is either "caught in" the equipment or "caught between" two pieces of equipment (e.g., employees placing their hand too close to a rotating gear and getting pulled into the gear).
2. **Struck by:** Occurs when you get hit by an object ejected from a process or moving into the hazard work zone. For example, a falling object from a higher level striking an employee below, or slag/sparks hitting a welder.
3. **Released Energy:** Happens when energy is released unexpectedly from equipment, such as an object or tool under pressure that is forcefully pushed or pulled to move.

Tips to Avoid Line of Fire Incidents

The best approach to prevent injuries is through engineering controls like guards, barriers, and safe positioning. If hazards cannot be eliminated, then practice these tips:

- Pre-plan work. Use the Job Safety Hazard (JSH) Checklist to identify "Line of Fire" hazards for job tasks.
- Inspect equipment before use. Do not perform work on or around equipment that has missing guards.
- Watch both hands as you operate machinery or equipment.
- Do not put tools or equipment toward your body or face. Keep equipment moving AWAY from your body and work zones and away from other nearby employees.
- Operate and move/push equipment parts (blades, saws, grinders, etc.) away from you and others. Constantly scan your surroundings. Watch out for employees exposed to "line of fire" hazards.
- Stay out of the operating area of any equipment.
- Always ask yourself the "what will happen if..." question to anticipate hazards and stay out of the danger zone.
- Keep an eye on parts that may suddenly move or release energy, which can cause you or your coworker to get "caught in or between" a moving or flying object.
- Make sure equipment operators can see employees around the equipment.
- When hoisting materials, barricade the area surrounding the hoisting zone to keep people out.
- Organize the work area to provide unobstructed and easy access to equipment.
- Always communicate with your team – and never hesitate to warn them, by phrases such as "Heads up!" – "Watch out!" – "Stay out!"
- Wear proper PPE for the task at hand. Use available measures to protect all body parts (head/eyes, hands/fingers, body, legs/feet).
- When equipment has been locked out and tagged out, never bypass the lock and tag and attempt to operate the equipment.
- To avoid sudden mechanical failures and injuries, perform all equipment and pre-job inspections and report suspected hazards to your supervisor, manager, or SRT Site Support Representatives.

Line of Fire Hazard Awareness

MWD Safety Talk Employee Environmental, Health & Safety Information for When to Call 911 or Go to Nearest Hospital Emergency Room or Go to a MWD Industrial Medical Provider

When to Call 9-1-1
OR
Go to Nearest Hospital Emergency Room

- **Major trauma**
 - Fall, motor vehicle collision, uncontrolled bleeding, concussion, serious burn, broken bone, dislocation
- **Life-threatening injury or illness**
 - Electric shock, allergic reaction, drowning, hypothermia, difficulty breathing, bluish skin or lips, sudden blindness, intense pain, poisoning or drug overdose
- **Any chemical exposure or burn**
- **Heat-related symptoms**
 - Hot/dry skin or profuse sweating, vomiting, chills, shivering, headache, high body temperature, confusion/dizziness, slurred speech, extreme weakness or fatigue
- **Instability**
 - Confusion, dizziness, slurred speech, shock, seizure, unconscious
- **Known medical conditions** such as diabetes or a heart condition and employee is showing signs and symptoms
- **Any other situation** requiring immediate assistance from emergency medical services

When to Go to a MWD Industrial Medical Provider

For non-emergency incidents, employees can obtain treatment at a MWD Industrial Medical Provider.

- **Non-life-threatening conditions**
 - First aid and symptoms: fever, minor infection, earache, headache, and strained not treatable through first aid supplies
- **Minor trauma**
 - Small cuts and lacerations, sprains and strains
- **Eye irritation** (foreign objects)
- **Miscellaneous** (skin, eye, or lungs)
- **Minor burns** (first aid)
- **Skin rashes**

Contact Human Resources' Worker Compensation at (213) 217-7625 or email WComp@mdw20.com. If you need to go to a non-MWD Industrial Medical Provider.

Important Reminders!

- **Never leave ill or injured employees alone.** If necessary, call for help from other employees.
- **Never send an employee home after a reported serious medical issue unless treated, been rendered.**
- **When 911 is contacted, notify the local Area Control Center (ACC) or Security Watch Center (800) 555-5911 so that they can direct the outside emergency responders to the emergency.** Know which hospital or medical facility the employees is being taken. MWD Industrial Medical Provider List shows the closest Worker Compensation designated Clinics, Urgent Care facilities, and Emergency Rooms to each facility.
- **Notify Team Manager, Unit Manager, and SRT Site Support representative of incident as well.**
- **Report incidents to the Incident Reporting Hotline at ext. 7775 or (213) 217-7775.**

When to Call 911 or Go to Nearest Hospital Emergency Room

MWD Safety Talk

TB166 – Facial Hair Policy for Respirator Use



Why Facial Hair Matters:
Cal/OSHA's Respiratory Protection Standard (Title 8 Section 5144) prohibits the use of respirators (half-face or full-face respirators) by employees who have facial hair that interferes with the seal of the respirator and the face, or that interferes with the seal of the respirator. Employees who have facial hair that interferes with the seal of the respirator must not wear a respirator. Employees who have facial hair that interferes with the seal of the respirator must not wear a respirator. Employees who have facial hair that interferes with the seal of the respirator must not wear a respirator.

Responsibilities:

- **Managers** – ensure that employees are current in their medical clearance training, and have passed an annual fit test before assigned tasks that require the use of a respirator. **Managers must instruct employees to shave/trim facial hair so that it does not interfere with the seal of the respirator.** An ideal time to review the policy is when completing a job safety hazards checklist, before a shutdown begins or during a shutdown toolbox meeting, or when a new job requires the use of a respirator.
- **Employees** – stay current with medical clearance, respiratory protection training, and annual fit tests. Employees must ensure facial hair does not come between the sealing surface of the facepiece and the face or interfere with valve function. Employees with facial hair that interferes with the respirator seal, must shave/trim facial hair before wearing the respirator to perform the task.
- **SRT Site Support Representatives** – conduct initial and annual respiratory protection training and fit testing for employees who wear tight-fitting facepieces. **SRT Site Representatives will not conduct fit testing if facial hair growth interferes with sealing surface of the respirator,** such as beard growth, beard, mustache, or sideburns which cross the respirator sealing surface. SRT will train and remind employees and managers about MWD's Facial Hair Policy.

Important Reminders:
Refer to Facial Hairlines and Filtering Facepiece Respirators for acceptable facial hairlines. In general, facial hair is allowed, if it does not protrude under the respirator seal or extend far enough to interfere with the respirator's valve function.

At the time of respirator use, employees must shave/trim facial hair so that it will not interfere with the seal of the respirator. Employees with facial hair that interferes with the respirator seal must not be allowed to wear respirator while performing the task even if they passed current fit test.

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Facial Hair Policy for Respirator Use

MWD Safety Talk MWD Lead Workers Fact Sheet

Metropolitan offers free regular blood lead level (BLL) testing to designated employees. BLL testing is a vital tool to help prevent lead overexposure and protect worker health. Lead is an extremely toxic metal that can cause serious illness and permanently damage the brain, nervous system, kidneys, reproductive system, and overall health. Lead exposure occurs when it is inhaled, ingested through eating food, or drinking with hands that have not been thoroughly cleaned after doing lead-related work. Although some lead is expelled from the body, a portion remains in the blood and tissues. While immediate symptoms may not always be evident, lead stored in the body can gradually damage individual cells, eventually impairing organs and entire body systems.

SHORT-TERM (acute) OVEREXPOSURE is when a large amount of exposure happens over a short period of time and can lead to seizures, coma, and even death. An acute overexposure can also cause sperm abnormalities, miscarriages, and underweight babies.

LONG-TERM (chronic) OVEREXPOSURE occurs over extended periods, such as occupational exposures, and can also damage cardiovascular, blood-forming, nervous, urinary, and reproductive systems.

Recognizing symptoms that could be an indication of elevated BLL

Loss of appetite	Insomnia	A metallic taste in the mouth
Anxiety	Headaches	Pallor or loss of color from normal skin tone
Constipation	Muscle and joint pain	Excessive tiredness
Nausea	Weakness	
Dizziness	Hyperactivity	Severe abdominal pain
Nervous irritability	Fine Tremors such as involuntary shaking movements	

Metropolitan makes BLL testing available for all lead workers

Workers can reduce their lead exposures by using provided protective measures and good hygiene and housekeeping practices. These include:

- Don't eat, drink, smoke, or apply cosmetics in areas where lead is present.
- Use vacuums equipped with HEPA filters to clean lead dust empty them in a way that doesn't spread lead.
- Wash hands, exposed arms, and face with special cleaning product
 - Before eating, drinking, smoking, or applying cosmetics.
 - At the end of the shift.
- Wear respirators properly.
 - Remove contaminated clothing at work.
 - Don't take it home or put it in your car.
 - Don't store them in the same place you keep your street clothes when you change.
- Shower at the end of the shift if required.

What if your blood level is high?
It is crucial for workers exposed to lead to undergo blood testing and maintain safe lead levels. Maintaining safe lead levels helps avoid potentially serious health consequences from lead exposure. Workers with high BLL may need to be placed in a medical surveillance program which includes BLL testing. If tests show BLL are above the limit, Metropolitan must make changes to lower your BLL. In addition, Metropolitan may need to temporarily remove you from certain job tasks involving lead and provide medical removal protections for up to 18 months.

Cal/OSHA Blood Lead Level < 10 ug/dl
(less than 10 ug/dl)
Additional monitoring may be required when results are greater than 10 ug/dl.

Early detection helps prevent adverse health consequences and allows us to address inadequate control measures. High BLL can lead to stress and permanent health consequences like cardiovascular issues, kidney damage, neurological diseases, and reproductive issues (being unable to have a healthy child).

BLL Testing and Scheduling
Metropolitan offers regular BLL testing free of charge to employees. HR Medical Accommodations will notify all lead workers that they are due for their Blood Lead Level Test. Frequency of BLL testing is based on an employee's work tasks, lead exposures, or prior medical results. Additional exams may be scheduled based on the results of the BLL Testing.

Employees must notify their manager before going to the Med/Van or the clinic. The BLL testing will be made available to employees on a regular basis, even if they declined to be tested in prior time. If an employee cannot make the Med/Van schedule, they can contact HR to be scheduled in the clinic.

BLL testing and related medical exams are strongly recommended but not required.
BLL testing is an extremely important tool for protecting employee's health.

Blood Lead Level Testing

Lead Worker Fact Sheet

Facility Safety Committee Presentations at Safety Forum

Skinner



New crane with extended reach from to 141 ft, max lift 11,100 lbs

A/C for heat illness prevention

Full vision tilt cab improving visibility and reducing operator fatigue during extended lifts

C&D Eastern



Install fall protection

C&D Western



La Verne

May 2025 La Verne Facility OSS Safety Meeting
La Verne Safety Committee
Amparo Muñoz, Richard Cano, and David Sadamoto

SAFETY Warehouse Inspection Report

Balboa Building: Corrective Action Summary
East Side OSS Leadership
West Side Weymouth Plant Leadership

Inspection: March 25th, 2025
Report Created by the La Verne Safety Committee on April 28th, 2025.

Safety Warehouse Inspection Report
Balboa Building: Corrective Action Summary
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Lake Mathews

Lake Mathews Safety Committee

Mobile Fall Protection



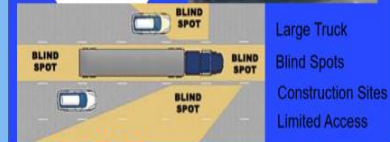
Malta Dynamics ~~Scissor~~ Fall Arrest Trailer

Welder's Truck Back-up & Forward Camera



- Entering substructures along pipelines
- Roofs and anywhere else without guardrail systems or tie-off points
- extends 34 feet above employee's head

April 1, 2022



Facility Safety Committee Presentations at Safety Forum

Desert Region

DESERT REGION SAFETY COMMITTEE

Completed Safety Review Request

- From 2013, modified/redesigned Pump Bays 1-9, PT-1, Compartment door
- Fabricated circuit breaker maintenance carts
- Fabricated/modified iron Mtn. roll up door gear box enclosure
- Team purchased truck hitch fall protection system
- Replaced access ladder at base of copper basin



SAFETY REVIEW REQUEST

ACTIVE SRR's for the Desert:

- Install high-mounted badge readers
- Reinstitute sign-in at all Pumping Plants
- Maintain/replace safety signage
- Renew/replace non-slip surfaces
- Secure loose falling debris at Copper Basin Dam



MSU



Pinch Point MSU
Furnace

"Keep Hands Clear"

Water Quality



Ongoing Commitment

- Promoting proper battery disposal lab-wide

- Maintaining clean and hazard-free waste storage areas

- Advancing safety culture through efficient digital tracking

Weymouth

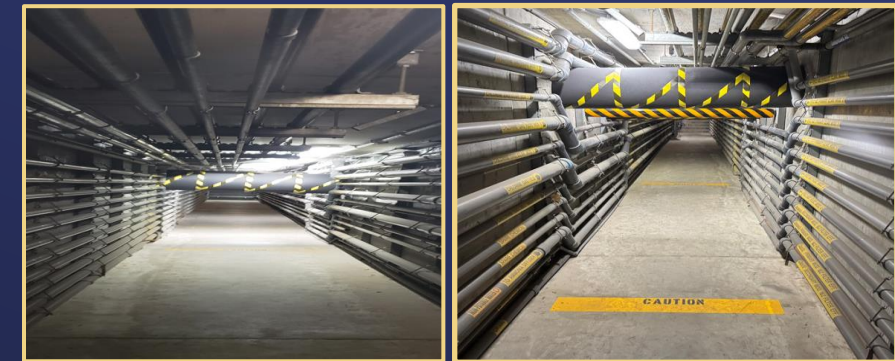


SRR - 209 Damaged Vault Covers



Replacement covers

Mills



Improved visual marking on lower pipe after installation Improved

