



A Public Agency

SBWMA TECHNICAL ADVISORY COMMITTEE MEETING

THURSDAY August 8, 2024 at 2:00p.m.

San Mateo County Transit District Office
1250 San Carlos Ave
4th Floor Dining Room
San Carlos, CA 94070

The public may observe/participate in Committee meetings using remote public comment options or attending in person. Committee members shall attend in person unless remote participation is permitted by law.

TO ADDRESS THE COMMITTEE IN PERSON

Masking is not required but according to the California Department of Public Health guidelines, people at higher risk for severe illness should consider masking. To help maintain public health and safety, we respectfully request that people NOT attend in-person if they are experiencing symptoms associated with COVID-19 or are otherwise ill and likely contagious (e.g., respiratory illnesses).

To address the Committee on any item – whether on the posted agenda or not – please fill out a Request to Speak Form and submit it to the Board Clerk. Speakers are not required to submit their name or address.

REMOTE PARTICIPATION

Members of the public may participate in public Agency meetings by logging into the Zoom:

<https://us02web.zoom.us/j/89353675426?pwd=ZmtDeW45cnVWRmhNOWlvZ29RbE51dz09>

Meeting ID: 893 5367 5426 Passcode: 597953

Written public comments for the record may be submitted in advance by 12:00 p.m. on the meeting date by email to: rethinker@rethinkwaste.org and will be made part of the written record but will not be read verbally at the meeting. Written public comments submitted by email should adhere to the following: 1) Clearly indicate the Agenda Item No. or specify “Public” in the Subject Line for items not on the agenda and 2) Include the submitter’s full name. You may also use the raise hand feature on Zoom to enter a verbal public comment.

*Pursuant to Ralph M. Brown Act, government code section 54953, all votes shall be by roll call if any members of the board of directors are participating by teleconference and/or video conference.

AGENDA

1. Call to Order/Roll Call

2. Public Comment

Persons wishing to address the Board on matters NOT on the posted agenda may do so. Each speaker is limited to three minutes. If there are more than five individuals wishing to speak during public comment, the Chairman will draw five speaker cards from those submitted to speak during this time. The balance of the Public Comment speakers will be called upon at the end of the Board Meeting. If the item you are speaking on is not listed on the agenda, please be advised that the Board may briefly respond to statements made or questions posed as allowed under The Brown Act (Government Code Section 54954.2). The Board’s general policy is to refer items to staff for attention, or have a matter placed on a future Board agenda for a more comprehensive action or report and formal public discussion and input at that time. *Speakers may also submit comments via email prior to the meeting by sending those comments to rethinker@rethinkwaste.org.*

3. Executive Director’s Report (*Verbal Update*)

p.3

MEMBER AGENCIES

BELMONT * BURLINGAME * EAST PALO ALTO * FOSTER CITY * HILLSBOROUGH * MENLO PARK * REDWOOD CITY
* SAN CARLOS * SAN MATEO * COUNTY OF SAN MATEO * WEST BAY SANITARY DISTRICT

August 1, 2024

4. Approval of Consent Calendar

Consent Calendar item(s) are considered to be routine and will be enacted by one motion. There will be no separate discussion on these items unless members of the Board, staff or public request specific items be removed for separate action. *Items removed from the Consent Calendar will be moved to the end of the agenda for separate discussion.*

A. Approval of the Minutes from the May 9, 2024, TAC Meeting **ACTION p. 7**

5. 2024 Schedule to Approve 2025 Contractors Compensation and Collection Rate Adjustment by Member Agency p. 15

6. Senate Bill (SB) 1383 Program Update p. 19

- Update from Recology on SB 1383
- Capacity Planning update
- Notice of Violation reminders / status
- Recyclist refresher

7. Discussion on 2023 EAR completion p. 23

8. Discussion on Planning for Zero Emission Vehicles and Charging Infrastructure p. 27

9. Contractor Updates p. 29

- Recology
- SBI

10. Committee Member Comments

11. Adjourn

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August 1, 2024



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EXECUTIVE DIRECTOR'S UPDATE

Agenda Item 3 is a verbal report only at the
08/08/2024 SBWMA TAC Committee Meeting



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CONSENT CALENDAR

DRAFT MINUTES

**SOUTH BAYSIDE WASTE MANAGEMENT AUTHORITY
MEETING OF THE TECHNICAL ADVISORY COMMITTEE
May 9, 2024 at 2:00PM.**

San Carlos Library Conference Room A/B, 610 Elm Street Suite 202, San Carlos, CA 94070

Call to Order: 2:03PM

1. Roll Call

Agency	Present	Absent	Agency	Present	Absent
Belmont		X	Redwood City		X
Burlingame	X		San Carlos	X	
East Palo Alto	X		San Mateo	X	
Foster City	X		County of San Mateo	X	
Hillsborough	X		West Bay Sanitary District	X	
Menlo Park	X				

Fatima Khan represented East Palo Alto

2. Public Comment

Persons wishing to address the Board on matters NOT on the posted agenda may do so.

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If the item you are speaking on is not listed on the agenda, please be advised that the Board may briefly respond to statements made or questions posed as allowed under The Brown Act (Government Code Section 54954.2). The Board's general policy is to refer items to staff for attention, or have a matter placed on a future Board agenda for a more comprehensive action or report and formal public discussion and input at that time.

None

3. Executive Director's Report

Executive Director La Mariana welcomed everyone to the meeting and gave the following updates:

- The annual contractor's compensation submittal period is kicking off. Recology submits June 15, and SBI will submit July 1. A third-party independent review as well as an internal review will follow which will determine the compensation for 2025 that will be presented to the TAC and then the Board in September.
- With the change in facility operators, there have been a number of projects and updates to Shoreway keeping staff busy, and any large-scale projects will be coming to the board. He noted that RethinkWaste staff is available to assist member agency staff in their rate setting process.

- Thanks to the City of San Carlos, the office lease has been extended through the end of August, and we will be moving in August.
- Today there will be a discussion on the Long Range Plan, as we gather committee input on that project.
- He welcomed Reagan Chung to the agency and noted that he will be leading the agency's work on SB 1383.

4. Approval of Consent Calendar

Consent Calendar item(s) are considered to be routine and will be enacted by one motion. There will be no separate discussion on these items unless members of the TAC, staff or public request specific items be removed for separate action. *Items removed from the Consent Calendar will be moved to the end of the agenda for separate discussion.*

A. Approval of the Minutes from the March 14, 2024, TAC Meeting

Motion/Second: Micheal/Tong

Voice Vote: All in favor 9-0-0-2

Agency	Yes	No	Abstain	Absent	Agency	Yes	No	Abstain	Absent
Belmont				X	Redwood City				X
Burlingame	X				San Carlos	X			
East Palo Alto	X				San Mateo	X			
Foster City	X				County of San Mateo	X			
Hillsborough	X				West Bay Sanitary Dist.	X			
Menlo Park	X								

5. TAC input session on 2024-2035 Long Range Plan

Staff Nghiem gave a power point presentation leading a discussion asking TAC for feedback and direction on the 2024-2035 Long Range Plan.

The committee discussed calling it a Long Range Plan versus Strategic Plan. Knowing that the end goal was a high-level broad view and guiding direction for the agency, not project specific guidance, the committee gave direction to continue calling it a Long Range Plan.

The committee discussed the mission statements and vision statements based on a revised mission and vision statements developed from feedback at the March retreat. Revised mission and vision statements will be presented based on the feedback in the draft plan at the August TAC meeting.

The committee then discussed the three proposed guiding principles.

Member Johnson asked if the member agencies were aligned with the zero waste policies/principles being discussed in the plan, because if not then the plan doesn't matter. The plan should then have an element of implementing the same principles and policies at the individual member agency level.

Chair Lorenz noted that this agency's mission and vision are very focused on waste and recycling, and therefore the Agency can take action to encourage their member agencies in taking action to achieve that mission, not necessarily in conflict if the member agencies don't share that goal.

Chair Lorenz suggested a list of strategies the member agencies can take to help achieve the goals of the Long Range Plan and when there is a check in have a table of which member agencies have implemented strategies and which haven't.

Staff Nghiem continued her presentation by discussing the proposed planning goals for each section of the Long Range Plan. Some of the planning words that the committee asked for revision on included "reuse" and "financial stability".

As the presentation wrapped up, Member Ramirez noted that there were comments at the March retreat about a name change and he asked for an update on that.

Executive Director La Mariana noted that about a year ago staff did a survey because the name change has been brought up before. The vast majority of the responses were fine with the name RethinkWaste, three didn't like the name, so he didn't have the sense that a name change was a majority opinion.

Staff Au added that the name is out in the community with outreach and the schools' program, as well as having brand equity in Sacramento with the lobbying efforts over the last few years. Our lobbyist is strongly against a name change given the equity in the name.

The TAC generally noted that if the name is working for staff, and staff who is on the front lines would know, then there was no need for a rebrand.

Staff Au noted that she would send the survey results to the TAC members, they were in a Board staff report last year, and there was no Board push back at that time.

6. Senate Bill (SB) 1383 Program Update

- Outreach and Technical Assistance update presentation by Alex Rinear, Waste Zero Manager Recology San Mateo County

Alex Ranier of Recology gave a presentation on SB 1383 waiver reviews, organics implementation and route reviews by Recology's Waste Zero team. She noted that the Waste Zero Specialists are available to meet with TAC members individually to discuss an agency's specific compliance numbers.

Member Johnson asked if an account does receive an oops tag, what is Recology's process for ensuring that account is reevaluated.

Alex Ranier noted that there is immediate follow up with customers after they receive an oops tag. Then, after the route review data is evaluated Recology will determine the appropriate approach for addressing oops tag customers depending on what the issues are.

Member Tong asked what the raw data number is of non-compliant accounts.

Alex Rainier answered that there are roughly 1300 business accounts that are not in compliance with 1383 at this point, and about 960 multi-family dwellings not yet subscribed to organics collection.

Member Gordon asked if Recology had a sense of how difficult it would be to get the remaining non-compliance customers on board, if it was a difficulty with space or other physical concern or simply not

wanting to comply.

Alex Rainier answered that every one of the accounts that are not compliant have been reached out to multiple times over the last two years, so the customers that are left are already they harder customers to get on board for a variety of reasons, but Recology's Waste Zero team will continue to persevere.

Member Johnson asked what's next.

Alex Rainier answered that partnering again this year with the individual agencies on either notice of violation letters, or outreach letters, and that outreach letters last year were very successful. She noted that partnerships with the individual jurisdictions is key to compliance, along with having boots on the ground with individual customers.

Member Michael asked how RethinkWaste compares statewide on compliance.

Staff Chung noted that staff will bring those numbers to the next TAC meeting.

Member Johnson clarified that he wanted to know what was next for the Zero Waste specialist as the agency reaches maximum compliance with SB 1383.

Alex Rainier answered that implementation has been the focus, next steps would be to make sure that the programs are successful, such as contamination checks, outreach and education and analyzing data.

Executive Director La Mariana noted that the larger the participation in a program, the more management it takes to maintain the program at a high participation level.

The committee gave staff/Recology a few action items for next meeting:

1. A comparison of the JPA service area compliance compared to statewide compliance
2. A copy of the oops tag
3. Include in the next report a table that is broken down by each member agency and their compliance level, and new starts (Staff Chung reminded committee members they can retrieve this information in Recyclist at any time)
4. Include a breakdown of the numbers by customer type in addition to the jurisdiction specific information.

Chair Lorenz asked if lid lifts are the same each year for route reviews.

Alex Rainier noted that route reviews are completely random to get a true picture of what is being recycled.

- Updates and discussion on enforcement, route reviews, compliance outreach, waiver process

Staff Chung noted that staff will be working with Recology on template emails for the Member Agencies to notify residents of the upcoming route reviews, and the Member Agencies would be getting those in the next few weeks. Staff is also working on additional outreach efforts to businesses and chamber of commerce agencies to offer presentations on the SB 1383 program to the business community to try and boost participation.

Staff Au noted the CalRecycle Electronic Annual Report (EAR) season has started and is due August 1.

RethinkWaste has once again partnered with Ascent Environmental to complete these reports and each Member Agency will be getting requests for information in the next week.

Staff Chung thanked TAC members who have responded to the email regarding Notice of Violation (NOV) letters, and if you haven't replied, please respond soon. The first round of NOV letters will be going out in the next few weeks, and final copies will be sent on the Member Agency's letterhead, so RethinkWaste staff needs TAC support on completing those letters.

7. Contractor Updates

- Recology

John Zirelli noted that Waste Expo is going on right now for one more day, and what got unveiled yesterday, is that Recology will have a hydrogen truck to demo in the next few weeks. It will be the first North American hydrogen collection truck in California to test out in San Francisco and the RethinkWaste service area.

- SBI
SBI was at a conference and not able to attend the meeting

8. Committee Member Comments

Chair Lorenz thanked staff for the April Earth Day event and encouraged TAC members to attend next year.

9. Adjourn 3:39PM



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2024 SCHEDULE TO APPROVE 2025 CONTRACTORS COMPENSATION & COLLECTION RATE ADJUSTMENT BY MEMBER AGENCY

Agenda Item 5

STAFF REPORT

To: RethinkWaste TAC Members
From: John Mangini, Senior Finance Manager
Date: August 8, 2024, Technical Advisory Committee Meeting
Subject: 2024 Schedule to Approve 2025 Contractors Compensation and Collection Rate Adjustment by Member Agency

Recommendation

This is for discussion purposed only, and no action is necessary.

Summary

The purpose of this staff report is to discuss the Finance and Rate Setting Process. **Table 1** is the Schedule to Approve the 2025 Contractor’s Compensation and the 2025 Calculated Collection Rate Adjustment by Member Agency.

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Table 1

2024 Schedule to Approve Contractor 2025 Compensation	
Due Date	Actions
June 14, 2024	Recology 2024 Compensation Adjustment Application Submitted to Member Agencies and SBWMA
July 1, 2024	Member Agencies and SBWMA initial Comments Due to Recology
July 1, 2024	SBI 2024 Compensation Application Submitted to SBWMA
July 9, 2024	SBWMA requests feedback on 2025 Franchise from Member Agencies
July 15, 2024	Revised Recology 2024 Compensation Adjustment Application submitted to Member Agencies and SBWMA
July 26, 2024	SBWMA issues and requests feedback from MA's on 2025 projections (Revenue, Disposal Cost and Agency Fees).
August 9, 2024	SBWMA issues to Member Agencies Draft Report Reviewing the 2024 Recology Compensation Adjustment Application
August 16, 2024	SBWMA issues to Member Agencies the Draft Report Reviewing the 2024 SBI Compensation Application
August 23, 2024	Member Agencies Written Comments on SBWMA Draft Reports (Recology & SBI) Due to SBWMA
September 12, 2024	SBWMA Board/TAC - Joint Study Session reviewing the Contractor's Compensation Adjustment Application
September 19, 2024	SBWMA Final Report on Recology Comp and Calculated Collection Rate Adj. Issued to MA and BOD
September 19, 2024	SBWMA Final Report on SBI Compensation Application issued to MA and BOD
September 26, 2024	SBWMA Board Meeting: Final Report on Recology Comp and Calculated Collection Rate Adj. SBI Final Report
Sept - Dec 2024	Member Agencies issue Prop 218 notices and approve final 2024 Solid Waste Rates



Senate Bill 1383 Program Updates



STAFF REPORT

To: RethinkWaste TAC Members
From: Reagan Chung, Recycling and Compliance Program Manager
Date: August 8, 2024 Technical Advisory Committee Meeting
Subject: Senate Bill (SB) 1383 Program Update

Summary

As detailed in the RethinkWaste SB 1383 Memorandum of Understanding, RethinkWaste staff has been delegated a significant portion of the SB 1383 program responsibilities.

Recology Technical Assistance & Waivers

Beginning January 1, 2024, Recology took on the responsibilities of reviewing waiver requests and conducting route reviews from SCS Engineers.

Recology's Waste Zero Team continues to on-board new accounts, provide technical assistance and review waivers as part of their SB 1383 duties. Alexandra Rinear, Waste Zero Manager, will give a brief presentation on how their team is doing.

RethinkWaste staff sends out monthly waiver approval and denial letters that started in March 2024. At the writing of this report, over 200 decision letters have been sent. Of that, 166 were approval letters and 55 were denial letters, with more to come.

SB 1383 Route Reviews

SB 1383 requires jurisdictions to conduct annual contamination monitoring of all three containers to keep the organics waste stream clean. In 2023, SCS Engineers conducted this review through inspections of randomly selected containers on each collection route for solid waste, recyclable materials, and organic materials. Since Recology will be conducting route reviews in 2024, Recology proposed a 10 to 13-week timeframe for all inspections. Routes will be selected at random via Recology's application software.

Recology began route reviews on June 3, 2024. The commercial portion was completed by July 31, 2024, and residential route reviews began on August 1, 2024 and are to be completed within the 10 to 13-week timeframe. RethinkWaste staff and Recology will ensure all reporting data is uploaded into Recyclist for SB 1383 data analysis and tracking.

2023 Electronic Annual Report (EAR) Timeline

RethinkWaste staff has worked closely with member agency TAC Members to finalize their Electronic Annual Report (EAR) submittal form for the 2023 EAR. The 2023 EAR was due on August 1, 2024. At the time of writing this report, RethinkWaste's contractor, Ascent Environmental, completed all EAR reporting and all EARs were submitted to CalRecycle on behalf of all Member Agencies (note: West Bay Sanitary District's account data is captured in their adjacent agency's report and, therefore, they are not required to submit an EAR to CalRecycle).

Enforcement

Enforcement for SB 1383 started on January 1, 2024, meaning jurisdictions must issue a Notice of Violation (NOV) requiring compliance within 60 days. If after 60 days, the entity is still not in compliance, the jurisdiction shall impose penalties.

Conducting SB 1383 enforcement has not been a responsibility delegated to RethinkWaste by Member Agencies, though RethinkWaste staff still plans to support Member Agencies as needed as SB 1383 implementation moves from outreach and education to enforcement.

The following schedule specifies the number of NOV and Warning letters that were sent on behalf of each Member Agencies below:

- **City of Burlingame:**
 - June 13, 2024: 96 letters
 - July 11, 2024: 92 letters
- **City of San Carlos:**
 - June 13, 2024: 87 letters
 - July 11, 2024: 87 letters
- **West Bay Sanitary District:**
 - June 20, 2024: 1 letter
- **County of San Mateo:**
 - July 25, 2024: 198 warning letters
- **East Palo Alto:**
 - July 25, 2024: 25 letters

Additionally, there will be subsequent NOV letters to be sent for the rest of the year to commercial customers who still need to subscribe to compost service.

Organics Capacity Planning

RethinkWaste was informed by the County of San Mateo about the state-mandated requirement to submit an Organics Capacity Planning 10-years projection report to County of San Mateo by July 26, 2024. RethinkWaste staff has met with County staff to discuss next steps for the 2025-34 reporting period. RethinkWaste provided a completed 10-years projection report to County of San Mateo on behalf of all Member Agencies for submission to CalRecycle.

Background

September 2016, SB 1383 (Lara, Chapter 395, Statutes of 2016) established statewide methane emissions reduction targets in an effort to reduce emissions of short-lived climate pollutants in various sectors of California's economy. It includes statewide goals to reduce the disposal of organic waste and recover edible food for human consumption. To accomplish these statewide goals, SB 1383 regulations were developed, which were approved on November 3, 2020, and include prescriptive requirements for jurisdictions related to recycling and organics collection, inspection, and enforcement policies and programs and edible food recovery. RethinkWaste and its Member Agencies need to comply with nearly all SB 1383 requirements by January 1, 2022, with the significant exception that enforcement actions do not need to commence until January 1, 2024.

More information regarding SB 1383 can be found online at www.calrecycle.ca.gov/organics/slcp/.

Fiscal Impact

This is an information only report.



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Discussion on 2023 EAR Completion

Agenda Item 7 is a verbal report only at the
08/08/2024 SBWMA TAC Committee Meeting



A Public Agency

Discussion on Planning for Zero Emission Vehicles and Charging Infrastructure

STAFF REPORT

To: SBWMA Technical Advisory Committee (TAC) Members
From: Matt Southworth, Senior Engineer
Date: August 8, 2024 TAC Meeting
Subject: Discussion on Planning for Zero Emission Vehicles and Charging Infrastructure

Recommendation:

This staff report is for discussion purposes only and no formal action is requested of the Board of Directors.

Summary

Recology is renewing their fleet with all new vehicles. California Air Resources Board (CARB) rules for truck fleets have been finalized and require:

1. The purchase of all Zero Emissions Vehicles (ZEVs) for model year 2024 and beyond; or
2. Fleets may elect to meet ZEV targets as a percentage of the total fleet. For the route trucks, targets are 10% by 2027, 25% by 2030, 50% by 2033, 75% by 2036, and 100% by 2039.
3. Recology's current plan is to purchase 15 light/medium duty and 51 Class 8 ZEV trucks by 2028.
4. For the period beyond 2028, the fleet must increasingly transition to ZEVs and must be 100% ZEVs by 2039. The period beyond 2028 will be considered a second phase of planning.

SBWMA staff is working with PG&E to plan and install the necessary battery charging infrastructure. Recology also plans to field test a demonstration ZEV truck that uses hydrogen for fuel, rather than electricity.

Analysis

The purpose of this report is to inform the Committee of our investigation into the availability of electric power for our anticipated future fleet charging needs at our site, an estimate of charging infrastructure cost, and planning requirements. Electric power demand for our site would increase substantially if a significant fraction of the fleet were electrified. Power is available for this first phase of planning (up to 2028) and is expected for eventual electrification of the entire fleet. This first phase of EV fleet transition is envisioned to include 51 Class 8 vehicles and about 15 light duty pick up trucks/vehicles. However, the added power would need to tap off of a different PG&E distribution line than the one currently used on our site. That distribution line runs underground along the north border of our property. The upshot is that all new electrical equipment would be needed.

We hired an electrical engineer (Todd Beacher) with extensive experience in our area and with PG&E. He developed a conceptual layout of the equipment and a cost estimate. We met with PG&E on our Shoreway facility site on July 11, 2024 and were shown their preliminary design for bringing additional electrical power to our site to power the first phase of Recology's fleet electrification. Over the next few months, our staff engineer and PG&E's will fully develop engineered plans and cost estimates.

This project is being conducted under PG&E's EV Fleet transition funding program. Under a normal request to an electrical utility for additional power, the applicant (in this example, the SBWMA) pays all costs associated with bringing that power to the owner's site in addition to all costs on the owner's site. We understand, however, that for this portion of this EV Fleet transition project, the cost of bringing new power capacity to our site will be PG&E's financial responsibility. The infrastructure on our property will be our responsibility. We expect to be able to estimate our costs in a few months as the engineering is done and we better understand our part in the effort. However, we understand that the cost for PG&E's portion of this project will be multiple millions of dollars..

When the engineering design is complete, the EV Fleet program requires that we enter into a contract with PG&E committing us to: 1) purchase the battery-electric trucks and 2) construct the electrical site infrastructure (battery chargers and ancillary equipment).

Background

- California Air Resources Board (CARB) rules require an increasing fraction of truck fleet vehicles be Zero Emissions Vehicles (ZEV) over the period of 2024 to 2035. The only technology that appears to be near market ready is currently battery-electric.
- Recology will be buying all new fleet vehicles during the period from 2022 to 2028. CARB rules require all model year 2024 and later truck purchases be ZEVs. Another CARB rule may require removing some conventional vehicles from the fleet in later years of the 2028 to 2039 period and replacing them with ZEVs.
- Recology's purchase schedule calls for a total of 51 Class 8 trucks to be purchased through 2028.
- We have investigated the availability of electric power, types of equipment needed, and preliminary cost of charging infrastructure for a range of potential battery-electric truck purchases.
- ZEVs would contribute significantly to reducing the carbon footprint of SBWMA operations.

Fiscal Impact

Final design and cost estimates for electrical charging infrastructure will be available in a few months. The SBWMA's portion of the infrastructure costs for the first phase is likely to be under a million dollars. Battery-electric ZEV's have a capital cost that is around twice that of conventional trucks. This price difference is an additional cost and would need to be approved by the Board. Electricity (fueling) costs are expected to be less than the current expense for renewable diesel.



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CONTRACTOR UPDATES

Agenda Item 9 is a Verbal Update only
to be given at the 08/08/2023 TAC Meeting