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## Solicitation Addendum

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Addendum No.: 5  
Solicitation No.: 24-TA004989DJ  
Project No.: 6109670  
Solicitation Title: LMWTP Sedimentation Basin C Sludge Collection Upgrade  
Addendum Date: January 11, 2024  
Procurement Contact: Dave Janney, Procurement Agent III

**IFBC 24-TA004989DJ is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 24-TA004989DJ.**

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was December 15, 2023.

### **REPLACE:**

#### **SECTION B, BID FORMS, APPENDIX L, BID PRICING FORM**

Replace Appendix L Bid Pricing Form (Revision 2), with Appendix L Bid Pricing Form (Revision 3) issued with Addendum No. 5, and available for download as a separate attachment.

### **REPLACE:**

#### **BID ATTACHMENT 3 – PLANS, PLAN SHEET G-5**

Replace Bid Attachment 3 – Plans, Sheet G-5 with revised Plan Sheet G-5 issued with this Addendum 5 and available for download as a separate attachment.

### **CHANGE TO:**

#### **ADVERTISEMENT, DATE, TIME AND PLACE DUE:**

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction

(IFBC) is ~~January 12, 2024~~ January 19, 2024, at ~~11:00~~ 11:30 AM ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Avenue West, 7th Floor, Bradenton, FL 34205 prior to the Due Date and Time.

**CHANGE TO:**

**SECTION A, INSTRUCTIONS TO BIDDERS, A.01, BID DUE DATE:**

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction (IFBC) is ~~January 12, 2024~~ January 19, 2024, at ~~11:00~~ 11:30 AM ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Avenue West, 7th Floor, Bradenton, FL 34205 and time stamped by a Procurement representative prior to the Due Date and Time.

**CHANGE TO:**

**SECTION A, INSTRUCTIONS TO BIDDERS, A.29 SOLICITATION SCHEDULE:**

| Scheduled Item  | Scheduled Date  |
|---|---|
| Non-Mandatory Information Conference and Non-Mandatory site tour at Lake Manatee Water Treatment Plant, 17915 Waterline Road, Bradenton, FL 34212 | November 30, 2023, 9:00 AM  |
| Question and Clarification Deadline   | December 15, 2023   |
| Bid Response Due Date and Time  | <del>January 12, 2024, 11:00 AM, ET</del><br><u>January 19, 2024, 11:30 AM ET</u> |
| Projected Award   | March, 2024   |

**QUESTIONS AND RESPONSES:**

**Q1. Our concrete repair vendors are telling us there is not enough information to correctly bid the required repairs. Specifically bid items 9, 10 & 11. 9 & 10 call out square footage, but they don't know the depth of each repair and therefore would be guessing or providing "worst case scenario" pricing which would drive pricing way up. Is there any way to either give an average depth for bidding purposes or have separate bid items for different depths of the repairs? Bid item 11 calls for repairs where we are directed to a cross section of the repair, but no length is given. I see on the plans where we could possibly scale it, but that sheet has the wrong scale called out per our take off software. The same issue involves the crack repair as well. We are given linear foot bid items but who knows how much material it could take to fill each crack? If a crack is 1/2" deep vs. 2" deep that's 4 times the material required and it's not cheap material.**

- R1. See attached, Structural Condition Assessment Photos for additional information.
- Q2. Bid item 13 calls out for replacing 14 valves but the plans call for 24. Which is correct?**
- R2. The correct number is 28 total. There are 14 at each pump station. Sheet G-5 and the bid form has been updated.
- Q3. Some of the valves shown on the plans to be replaced have actuators on them. Are the existing actuators being re-used? If so, what brand are they and will the County be hiring their representative to do the re-installation/set-up or does the contractor need to include that in our pricing? If we are to do it we'll need the manufacturer's information as well as what is to be done here.**
- R3. Per the measurement and payment specification, the electrical components such as actuators are to be reinstalled. The contractor will be fully responsible for this work. The valve manufacturers are listed in the plans specifications. The existing actuators are manufactured by Limatorque.

**NOTE:**

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

**INSTRUCTIONS:**

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

**END OF ADDENDUM**

AUTHORIZED FOR RELEASE

| APPENDIX L - BID PRICING FORM (REVISION 3)<br>24-TA004989DJ LMWTP SEDIMENTATION BASIN C SLUDGE COLLECTION UPGRADE   |  |                    |      |  |                                      |  |                                      |
|---|--|--------------------|------|--|--------------------------------------|--|--------------------------------------|
| Bidders must provide prices for each available line item on each tab for their bid to be considered responsive.   |  |                    |      |  |                                      |  |                                      |
| *To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency, and total bid price fields. |  |                    |      |  |                                      |  |                                      |
| ITEM  | DESCRIPTION                                    | ESTIMATED QUANTITY | UNIT | UNIT PRICE<br>BID A<br>399 Calendar Days | AMOUNT<br>BID A<br>399 Calendar Days | UNIT PRICE<br>BID B<br>309 Calendar Days | AMOUNT<br>BID B<br>309 Calendar Days |
| <b>MISCELLANEOUS</b>  |  |                    |      |  |                                      |  |                                      |
| 1   | Mobilization                                   | 1                  | LS   |  |                                      |  |                                      |
| 2   | Preconstruction Video                          | 1                  | LS   |  |                                      |  |                                      |
| 3   | Record Drawings                                | 1                  | LS   |  |                                      |  |                                      |
| <b>SUBTOTAL</b>   |  |                    |      |  |                                      |  |                                      |
| <b>LIME SLUDGE IMPROVEMENTS</b>   |  |                    |      |  |                                      |  |                                      |
| 4   | Demolition                                     | 1                  | LS   |  |                                      |  |                                      |
| 5   | Ovivo Traveling Bridge Equipment Package       | 1                  | LS   |  |                                      |  |                                      |
| 6   | Epoxy Crack Injection                          | 50                 | LF   |  |                                      |  |                                      |
| 7   | Polyurethane Foam Grout Crack Injection        | 1600               | LF   |  |                                      |  |                                      |
| 8   | Joint Sealant Replacement                      | 2600               | LF   |  |                                      |  |                                      |
| 9   | Spall/Delamination Repair                      | 118                | SF   |  |                                      |  |                                      |
| 10  | Deck/Coating Repair                            | 160                | SF   |  |                                      |  |                                      |
| 11  | Lime Building Expansion Dowel and Spall Repair | 1                  | LS   |  |                                      |  |                                      |
| 12  | 6" Dezurik Swing Check Valve                   | 6                  | EA   |  |                                      |  |                                      |
| 13  | 6" Pratt Full Round Port Plug Valve            | 14<br>28           | EA   |  |                                      |  |                                      |
| 14  | 4" Pratt Full Round Port Plug Valve            | 6                  | EA   |  |                                      |  |                                      |
| 15  | 4" Valmatic Butterfly Valve                    | 6                  | EA   |  |                                      |  |                                      |
| 16  | Electrical, Instrumentation, Integration, and  | 1                  | LS   |  |                                      |  |                                      |
| 17  | Permit Allowance                               | 1                  | LS   |  | \$10,000.00                          |  | \$10,000.00                          |
| 18  | Basin Cleaning                                 | 1                  | LS   |  |                                      |  |                                      |
| <b>SUBTOTAL</b>   |  |                    |      |  |                                      |  |                                      |
| <b>SUBTOTAL ALL SECTIONS, MISCELLANEOUS AND LIME SLUDGE IMPROVEMENTS</b>  |  |                    |      |  |                                      |  |                                      |
| 19  | Contingency (Used only with County Approval)   | 10%                | LS   |  |                                      |  |                                      |
| <b>GRAND TOTAL</b>  |  |                    |      |  |                                      |  |                                      |

Updated Quantity

BIDDER NAME \_\_\_\_\_

BIDDER SIGNATURE \_\_\_\_\_

Bidders must provide prices for each available line item on each tab for their bid to be considered responsive.

\*To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency and total bid price fields.



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# STRUCTURAL CONDITION ASSESSMENT PHOTOS

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LMWTP Sedimentation Basin C  
Condition Assessment

Photograph Sheet

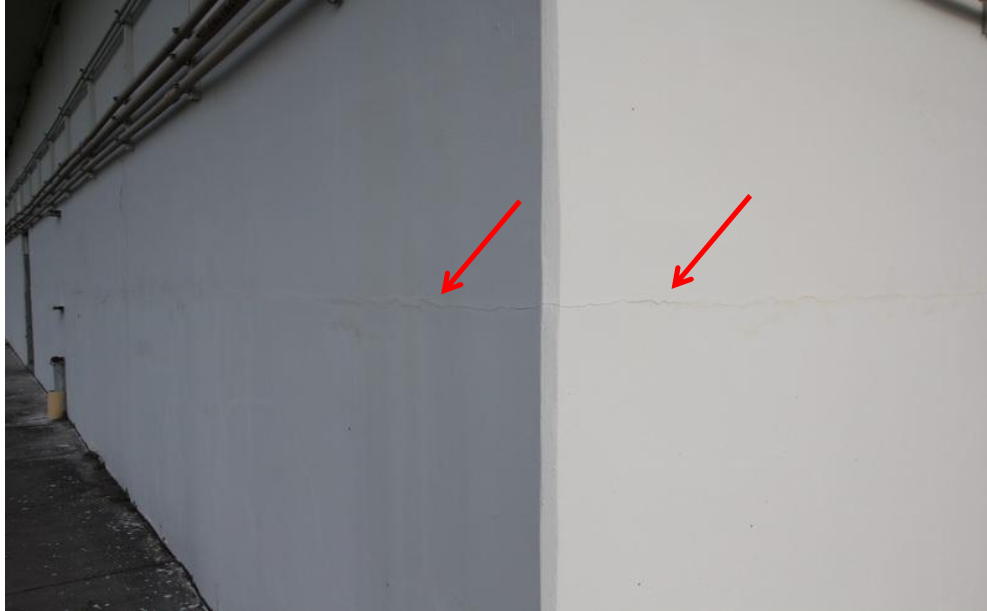
KHA Job No.: 148400096

KHA Rep.: Seth Schmid, P.E.

Date: June 9, 2022

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Photo No. 1



Remarks: Typical hairline width horizontal crack in the exterior face of the flocculator basin (red arrows).

Location: Southeast corner of the structure.

Photo No. 2



Remarks: Typical vertical hairline width cracks in the exterior face of the sedimentation basin wall with efflorescence, apparent fungal growth and dampness.

Location: East wall below the common inflow channel.

**LMWTP Sedimentation Basin C  
Condition Assessment**

**Photograph Sheet**

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Photo No. 3



Remarks: Typical vertical hairline width cracks in the exterior face of the sedimentation basin wall with efflorescence, apparent fungal growth and dampness.

Location: East wall below the common inflow channel.

Photo No. 4



Remarks: Typical vertical hairline width crack in the exterior face of the sedimentation wall with efflorescence (red arrow).

Location: South wall.

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Condition Assessment

Photograph Sheet

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Photo No. 5



Remarks: Typical vertical cracks with efflorescence, stains and apparent fungal growth (red arrows).

Location: Western wall of the settled water collection channel.

Photo No. 6



Remarks: Typical vertical cracks on the exterior face of the cantilever walkway (red arrows).

Location: Walkway near the northeast corner of the structure.



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Photo No. 7



Remarks: Typical transverse cracks in the top surface of the walkway (red arrows).

Location: Walkway near the northeast corner of the structure.

Photo No. 8



Remarks: Typical transverse cracks with efflorescence along the underside of the channel slab.

Location: Underside of the channel between the sedimentation and flocculator basins.

**LMWTP Sedimentation Basin C  
Condition Assessment**

**Photograph Sheet**

KHA Job No.: 148400096

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Photo No. 9



Remarks: Closely spaced longitudinal and transverse cracks with efflorescence on the underside of the channel slab.

Location: Underside of the channel at the intersection of the north and south sedimentation and flocculator basins.

Photo No. 10



Remarks: Typical transverse cracks with efflorescence along the underside of the channel slab.

Location: Underside of the settled water collection channel at the western end of the structure.

LMWTP Sedimentation Basin C  
Condition Assessment

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Photo No. 11



Remarks: Efflorescence and apparent fungal growth extended from a pipe penetration (red arrow).

Location: North side of the eastern wall of the flocculator basins.

Photo No. 12



Remarks: Efflorescence and apparent fungal growth extended from a pipe penetration (red arrow).

Location: South side of the eastern wall of the flocculator basins.

Photo No. 13



Remarks: 4" wide incipient spall with stains.

Location: Underside of the eastern channel at the intersection with the lime building.

Photo No. 14



Remarks: Apparent 4" diameter failed patch (red arrow).

Location: South wall of structure (refer to Mark A of Figure 13).

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Photo No. 15



Remarks: 28"x3" area of delaminated concrete along the edge of a joint (red arrow).

Location: South wall of structure (refer to Mark B of Figure 13).

Photo No. 16



Remarks: 18"x5" area of delaminated concrete (red arrow).

Location: South wall of structure (refer to Mark C of Figure 13).

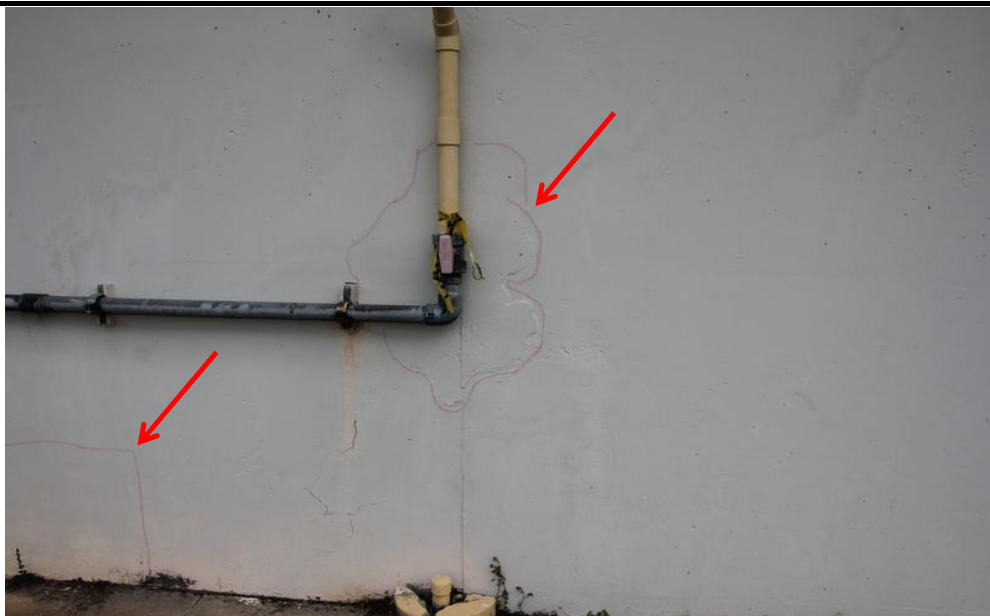
Photo No. 17



Remarks: 32"x2" area of delaminated concrete (red arrow).

Location: South wall of structure (refer to Mark D of Figure 13).

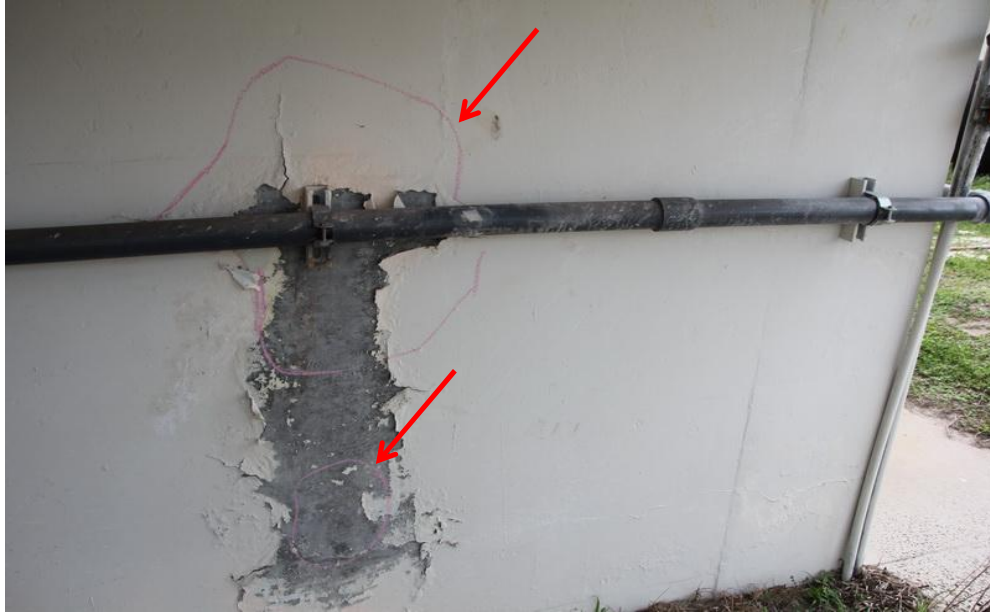
Photo No. 18



Remarks: Two 24"x36" areas of delaminated concrete (red arrows).

Location: South wall of structure (refer to Mark E and F of Figure 13).

Photo No. 19



Remarks: 18"x24" and 8"x10" areas of delaminated concrete (red arrows).

Location: West wall of structure (refer to Mark G of Figure 13).

Photo No. 20



Remarks: 12" diameter area of delaminated concrete with stains (red arrow).

Location: West wall of structure (refer to Mark H of Figure 13).

Photo No. 21



Remarks: 28"x30" area of delaminated concrete (red arrow).

Location: West wall of structure (refer to Mark I of Figure 13).

Photo No. 22



Remarks: 66"x6" area of delaminated concrete (red arrow).

Location: North wall of structure (refer to Mark J of Figure 13).



Photo No. 23



Remarks: 4" diameter apparent failed patch (red arrow).

Location: East wall of structure (refer to Mark K of Figure 13).

Photo No. 24



Remarks: 6" diameter area of delaminated concrete (red arrow).

Location: North wall of structure (refer to Mark M of Figure 13).

Photo No. 25



Remarks: 3" diameter spall with exposed corroded reinforcement (red arrow).

Location: North wall near the eastern end (refer to Mark N of Figure 13).

Photo No. 26



Remarks: Close up view of Photograph 25.

Location: North wall near the eastern end (refer to Mark N of Figure 13).

**LMWTP Sedimentation Basin C  
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**Photograph Sheet**

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Photo No. 27



Remarks: Typical vertical crack in exterior of wall with stains consistent with corrosion.

Location: North wall shown (refer to Mark O of Figure 13).

Photo No. 28



Remarks: Isolated corrosion stain in the wall surface.

Location: West wall of the structure (refer to Mark P of Figure 13).

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Condition Assessment

Photograph Sheet

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Photo No. 29



Remarks: Isolated corrosion stain in the wall surface.

Location: West wall of the structure (refer to Mark P of Figure 13).

Photo No. 30



Remarks: Typical separated wall coating.

Location: West wall of the structure (refer to Mark Q of Figure 13).

Photo No. 31



Remarks: Horizontal crack and incipient spall consistent with a construction joint at the base of the channel wall (red arrow).

Location: Northwest corner of the structure.

Photo No. 32



Remarks: Horizontal hairline width cracks with no stains along the height of the column. Cracks marked with chalk on column and with red arrows.

Location: Northwest column shown, southwest column similar.

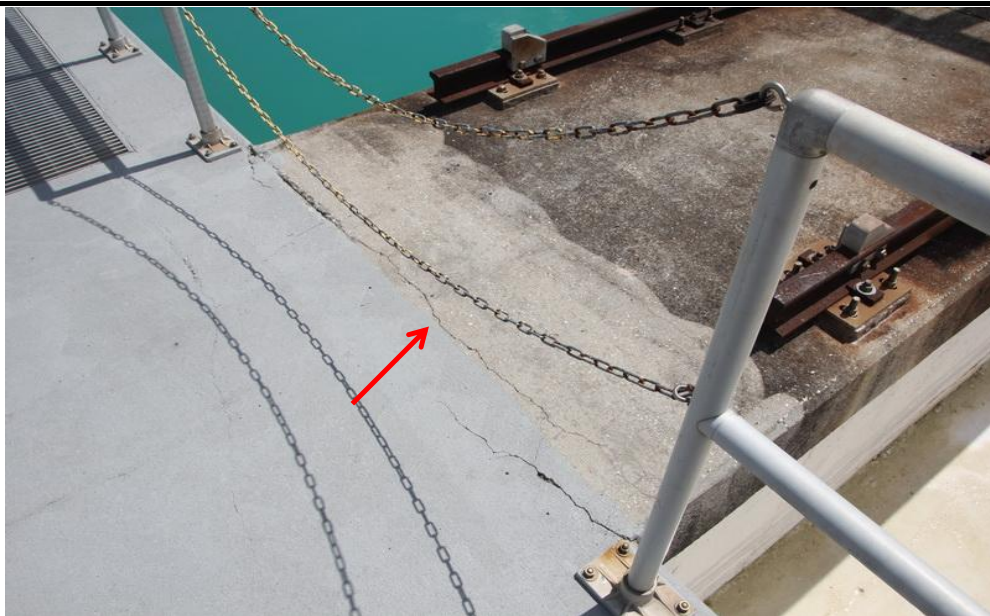
Photo No. 33



Remarks: Horizontal hairline width cracks with no stains along the height of the column (red arrows).

Location: Northwest column shown, southwest column similar.

Photo No. 34



Remarks: Transverse crack consistent with a cold joint at the end of the walkway (red arrow).

Location: Southern end of the walkway over the center wall of the sedimentation basins.

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Photo No. 35



Remarks: Isolated area of significant pitting in the concrete surface of the walkway.

Location: Southwest corner of the structure.

Photo No. 36



Remarks: Isolated area of significant pitting in the concrete surface of the walkway.

Location: South of the wall between the sedimentation basins at the east end.

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Photo No. 37



Remarks: Isolated area of significant pitting in the concrete surface of the walkway (red arrows).

Location: Adjacent to the lime building.

Photo No. 38



Remarks: Cracks with no stains at the end of the beam over the precast wall panel.

Location: Southern end of the beam at the western end of the southern sedimentation basin.



Photo No. 39



Remarks: Exposed, corroded reinforcement at the base of the flocculator basin wall (red outline).

Location: Eastern wall of the middle flocculator basin adjacent to the southern sedimentation basin.

Photo No. 40



Remarks: Close up view of Photograph 39.

Location: Eastern wall of the middle flocculator basin adjacent to the southern sedimentation basin.

**LMWTP Sedimentation Basin C  
Condition Assessment**

**Photograph Sheet**

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Photo No. 41



Remarks: Cracked, delaminated coating on top of the channel wall (red arrow).

Location: Southern end of the channel wall at the western end of the structure.

Photo No. 42



Remarks: Apparent patches with cracks and delaminations in the top of the walkway (red arrows).

Location: Center of the structure between the sedimentation and flocculator basins at the east end.

Photo No. 43



Remarks: Isolated vertical cracks and cold joints with apparent dampness consistent with leaks (red arrows).

Location: Southern face of the interior wall between the north and south sedimentation basins.

Photo No. 44



Remarks: Typical deteriorated sealant along a wall joint.

Location: Southern face of the interior wall between the north and south sedimentation basins.

**LMWTP Sedimentation Basin C  
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Photo No. 45



Remarks: Close up view of Photograph 44.

Location: Southern face of the interior wall between the north and south sedimentation basins.