

ADDENDUM NO. 1

PROJECT MANUAL

INDIANA DEPARTMENT OF NATURAL RESOURCES
INDIANAPOLIS, INDIANA
MIXSAWBAH FISH HATCHERY WASTEWATER TREATMENT PLANT IMPROVEMENTS–PHASE 1
CONTRACT 1-2023

Bids will be received until **Tuesday, August 27, 2024**, at **1:30 P.M.**, Eastern Standard Time.

This Addendum to the Project Manual is issued to modify, explain, or correct the original Project Manual and is hereby made part of the Contract Documents.

A. DIVISION 00–BIDDING AND CONTRACTING REQUIREMENTS

1. NOTICE TO BIDDERS

a. Page 1 of 1

ADD the attached Register of Attendees from the pre-Bid Meeting.

B. SPECIFICATIONS

1. DIVISION 09–FINISHES

a. Page 09 91 00-6, SECTION 09 91 00–PAINTING, PART 3–EXECUTION, 3.05.B.

DELETE Paragraphs 6, 7, 10, 12 in their entirety.

b. Page 09 91 00-7, SECTION 09 91 00–PAINTING, PART 3–EXECUTION, 3.05.C4.

REPLACE table with attached revised table.

2. DIVISION 26–ELECTRICAL

a. Page 26 05 33-5, SECTION 26 05 33–CONDUIT, PART 3–EXECUTION, 3.02.

CLARIFICATION: Buried conduit is not required to be installed in concrete encased ductbank.

b. Page 26 14 15-5, SECTION 26 14 15–LOW-VOLTAGE DISTRIBUTION SWITCHBOARDS,
PART 2–PRODUCTS, 2.09.A.

CHANGE “NEMA 1” to “NEMA 3R.”

C. DRAWINGS

1. SHEET NO. 3–GENERAL–ABBREVIATIONS

ADD The following fluid abbreviations:

BBS–Biofilter Backwash Supply

BD–Backwash Discharge

BE–Biofilter Effluent

OF–Effluent Discharge

PFR–Pressure Filter Effluent

PFS–Pressure Filter Supply
PFW–Pressure Filter Waste
RPD–Rearing Pond Drain
RPR–Rearing Pond Return
RPS–Rearing Pond Supply
RTD–Rearing Tank Drain
RTS–Rearing Tank Supply
UD–Underdrain
WWS–Well Water

2. SHEET NO. 10–SITE–YARD PIPING PLAN

REPLACE Detail A with the attached revised Detail A. The dimensions shown on the detail are nominal and vary slightly from tank to tank. CONTRACTOR shall field confirm dimensions.

CLARIFICATION: OWNER will dewater existing biofilter tanks to allow access for replacing baffles.

3. SHEET NO. 12–PUMPING STATION–PLAN AND SECTIONS

CLARIFICATION: 4" x 4" x 3/8" SS angle is intended to provide support to force main at flange connection with 90 degree elbow.

4. SHEET NO. 13–HATCHERY BUILDING–ELECTRICAL PLAN

DELETE SWBD-1 and the associated concrete pad. SWBD-1 is shown on Sheet No. 11 and will be located externally.

5. SHEET NO. 15–SCHEDULES AND DETAILS–ARCHITECTURAL/STRUCTURAL/ELECTRICAL DETAILS

CLARIFICATION: The plan view dimensions of the Concrete Pad on Grade shown in Detail B/99ASME5.01 shall be as required based on the dimensions of the MCB provided and as required by the electrical utility for its transformer.

6. SHEET NO. 17–PROPOSED ONE-LINE DIAGRAM

CHANGE the description under the 800 amp/3 pole breaker in the proposed MCB from "FUTURE" to "SPARE."

**BIDDERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE
SPACE PROVIDED IN THE BID FORM**

Dated at Columbus, Indiana
August 20, 2024

STRAND ASSOCIATES, INC.®
629 Washington Street
Columbus, IN, 47201



Matthew L. Smith
8/20/2024



STRAND ASSOCIATES®
Excellence in EngineeringSM

Meeting Register
Mixsawbah State Fish Hatchery Wastewater Treatment Plant Improvements - Phase 1
Indiana Department of Natural Resources
August 14, 2024 10 A.M.

| | Name/Representing | Mailing Address | Contact Information |
|--------------------------|--|--|---|
| <input type="checkbox"/> | Matthew Smith Strand Associates | 629 Washington Street Columbus IN 47201 | Phone No.: 812-372-9911 Cell No.: Fax No.: E-mail: matthew.smith@strand.com |
| <input type="checkbox"/> | Brady Muncie Blasstek | 43 122nd Ave Stony Hill, MI 49349 | Phone No.: 416-302-1474 Cell No.: Fax No.: E-mail: sales@blasstekllc.com |
| <input type="checkbox"/> | TO DO CARNET STRAUGEL DESIGN AND CONSTRUCTION | 50 N. Co. Rd 650 W. MEDDAR, IN 47260 | Phone No.: 812-525-7431 Cell No.: Fax No.: E-mail: 327 DEUCE@gmail.com |
| <input type="checkbox"/> | Teal Redinger Michiana Contracting | 7843 Lilac Rd Plymouth, IN 46663 | Phone No.: 574/286-8523 Cell No.: Fax No.: E-mail: tealredinger@michiancontracting.com |
| <input type="checkbox"/> | Randy Langaneker Michiana Contracting | 7843 Lilac Rd Plymouth, IN 46663 | Phone No.: 574-930-0463 Cell No.: Fax No.: E-mail: rlanganeker@michiancontracting.com |
| <input type="checkbox"/> | Bob Banaszak IBEW 153 | 56475 Peppermint Rd South Bend IN 46619 | Phone No.: 574 287 8655 Cell No.: 574 485 7211 Fax No.: E-mail: DBanaszak@IBEW153.com |
| <input type="checkbox"/> | Robert Ackerson Mixsawbah SFH | 5500 S. 675 E. Walkerton, IN 46574 | Phone No.: 219-369-9591 Cell No.: 574-876-9135 Fax No.: E-mail: rackerson@dar.in.gov |



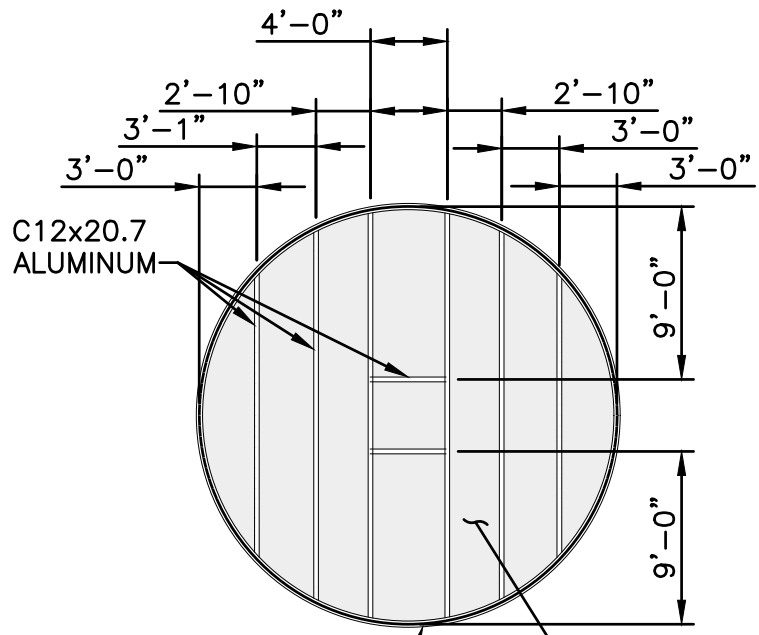
STRAND ASSOCIATES
 Excellence in EngineeringSM

Meeting Register
 Mixsawbah State Fish Hatchery Wastewater Treatment Plant Improvements - Phase 1
 Indiana Department of Natural Resources
 August 14, 2024 10 A.M.

| | Name/Representing | Mailing Address | Contact Information |
|--------------------------|---|--|--|
| <input type="checkbox"/> | Mitchell Green Ottenweller Contracting LLC | 1220 Edsall Ave, Ft Wayne, IN 46803 | Phone No.: 266 484 9183 Cell No.: 266 750 8121 Fax No.: E-mail: mitch.green@ottenweller.com |
| <input type="checkbox"/> | Michael Mathias IDOA Public Works | 402 W. Washington St. Indpls. | Phone No.: 312 296 0097 Cell No.: Fax No.: E-mail: mathias1@aioa.in.gov |
| <input type="checkbox"/> | | | Phone No.: Cell No.: Fax No.: E-mail: |
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| | Sq. Ft.** Coverage | Dry Mil** Thickness Per Coat |
|--|-----------------------|------------------------------------|
| Products | | |
| N69 Hi-Build Epoxoline II, Macropoxy 646 | | |
| Steel or Impervious Substrate Primer Coat | --- | 4.0 |
| Steel or Impervious Substrate Intermediate Coat(s) | --- | 5.0 |
| Steel or Impervious Substrate Finish coat | --- | 5.0 |
| 20HS Pota-Pox, Macropoxy 646 | | |
| Steel or Impervious Substrate Primer | --- | 4.0 |
| Steel or Impervious Substrate Intermediate Coat(s) | --- | 5.0 |
| Steel or Impervious Substrate Finish Coat | --- | 5.0 |
| 1074 Endura-Shield II, Acrolon 218HS | --- | 2.5 |
| Series 1 Omnithane, DuraPlate 235 (Primer) | | 3.0, 5.0 |
| N69 Hi-Build Epoxoline II (Submerged) | | 6.0 |
| Sher-Glass FF (Submerged) | | 12.0 |

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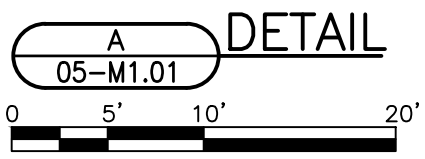


EXISTING 2x2x1/4" CHANNEL ATTACHED TO THE PERIMETER OF THE TANK

CORRUGATED ALUMINUM MEDIA RETENTION BAFFLE (TYP)

NOTE:

1. PROVIDE NEW 1/4 INCH PERFORATED, CORRUGATED ALUMINUM PANEL IN ENTIRE BIOFILTER (TYP. OF 5). MATCH CORRUGATION AND PERFORMANCE PATTERN OF EXISTING PANELS. PANELS ATTACH TO BOTTOM FLANGE OF ALUMINUM CHANNELS SPANNING THE TANK AND THE BOTTOM OF THE ANGLE AROUND THE PERIMETER OF THE TANK. EXISTING HOLES ARE 1/4 INCH DIAMETER AND 12-INCHES ON CENTER. PROVIDE NEW CONNECTION HARDWARE. PANELS ARE LOCATED APPROXIMATELY 2 FEET BELOW TOP OF TANK.



SITE
YARD PIPING PLAN DETAIL A
MIXSAWBAH FISH HATCHERY
WASTEWATER TREATMENT PLANT IMPROVEMENTS PHASE 1
INDIANA DEPARTMENT OF NATURAL RESOURCES
LAPORTE COUNTY, INDIANA