



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 2/15/2022

*= Mandatory, information must be provided

Click or tap the boxes to enter text. If not applicable, indicate "N/A".

***Title:**

Approval of an In-Lieu Fee Proposal for the Northwest Recharge Recovery System Impacted by Regulated Riparian Habitat (District 3)

***Introduction/Background:**

Chapter 16.30 of the Pima County Floodplain Management Ordinance No. 2010-FC5 requires mitigation when cumulative disturbance of more than 1/3 acre of mapped riparian habitat occurs. If a project site contains suitable area(s) for mitigation, restoration, or enhancement, then on-site mitigation is required in accordance with the adopted Regulated Riparian Habitat Mitigation Standards and Implementation Guidelines. The Ordinance contains a provision for mitigation banking when on-site mitigation is not feasible. All off-site mitigation proposals require Flood Control District Board of Directors review and approval.

***Discussion:**

Metro Water is applying for a floodplain use permit to construct a water pipeline along Avra Valley Road from the jurisdictional border of Marana to the east side of 10-Interstate. The project is mapped within Regulated Riparian Habitat classified as Important Riparian Area with the Underlying Classification of Class C and D Habitat (IRA XC/XD). The total RRH project disturbance is 1.9 acres; IRA XC has 0.52 acres and IRA XD has 1.38 acres. Westland Resources was hired to prepare an In-lieu Fee Proposal and is proposing to contribute a fee of \$43,360.00 in lieu of onsite mitigation, based on the Flat Fee Table provided in the Pima County Regulated Riparian Habitat Off-Site Mitigation Guidelines.

***Conclusion:**

Acceptance of mitigation banking funds in-lieu of on-site mitigation is allowed under the Ordinance. Contributions to the mitigation bank for disturbance of this habitat will provide funds to be used toward purchase of high value resources or towards restoration of degraded riparian habitat within Pima County

***Recommendation:**

The ILF proposal presented conforms with the Ordinance and, as such, the District recommends approval.

***Fiscal Impact:**

\$43,360.00

***Board of Supervisor District:**


1 2 3 4 5 All

Department: Regional Flood Control District

Telephone: 724-4600

Contact: Patricia Gilbert

Telephone: 724-4606

Department Director Signature:  Date: 1/12/2022

Deputy County Administrator Signature:  Date: 1/12/2022

County Administrator Signature:  Date: 1/12/2022

DATE: January 11, 2022

TO: Flood Control District Board of Directors
Director

FROM: Suzanne Shields, P.E.



SUBJECT: Approval of an In-Lieu Fee Proposal for the Northwest Recharge Recovery System Impacted by Regulated Riparian Habitat (District 3)

Background

Chapter 16.30 of the Pima County Floodplain Management Ordinance No. 2010-FC5 (Ordinance) requires mitigation for disturbance of Regulated Riparian Habitat exceeding 1/3 of an acre. A riparian habitat mitigation plan (RHMP) approved by the Flood Control District Board of Directors is required for disturbance of Hydroriparian habitat exceeding 1/3 of an acre and that exceeds 5 percent of the habitat on the property. The adopted *Regulated Riparian Habitat Mitigation Standards and Implementation Guidelines (Guidelines)* govern the type, amount, and location of required mitigation.

Report

Metro Water is applying for a floodplain use permit to construct a water pipeline along Avra Valley Road from the jurisdictional border of Marana to the east side of Interstate-10 (Exhibit A). The project is mapped within Regulated Riparian Habitat (RRH) classified as Important Riparian Area with the Underlying Classification of Class C and D Habitat (IRA XC/XD) (Exhibit B). The total RRH project disturbance is 1.9 acres; IRA XC has 0.52 acres and IRA XD has 1.38 acres. The total disturbance crosses the threshold requiring mitigation.

Utility easements are not an ideal location for mitigation plantings due to the potential of ongoing maintenance. As a result the in-lieu fee option was chosen as a method of mitigation. Westland Resources was hired to prepare an In-lieu Fee Proposal (Exhibit C) and is proposing to contribute a fee of \$43,360.00 in lieu of onsite mitigation, based on the Flat Fee Table provided in the Pima County Regulated Riparian Habitat Off-Site Mitigation Guidelines.

	XA	XB	XC	XD	IRA/H, H	IRA/XA	IRA/XB	IRA/XC	IRA/XD
Cost per Acre	\$17,000	\$16,000	\$14,000	\$12,000	\$40,000	\$30,000	\$28,000	\$25,000	\$22,000
Development Project									

Recommendation

The RHMP conforms to the Ordinance and the Guidelines, and, as such, the District recommends approval.

- Exhibit A – Project Location
- Exhibit B – Project Site – Riparian Classification Map
- Exhibit C – Riparian Habitat Mitigation Plan

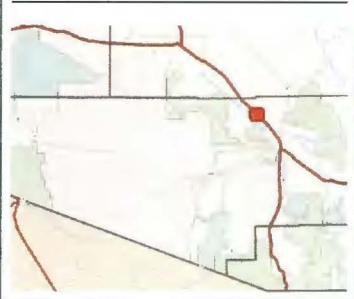
Exhibit A

Legend

City Limits

- Marana
- Oro Valley
- Sahuarita
- South Tucson
- Tucson

Parcels



Northwest Recharge Recovery System



This map is static output from an internet mapping site and no warranty is expressed or implied as to the accuracy, reliability, currency or completeness of the data, and is for reference only

Exhibit B

Legend

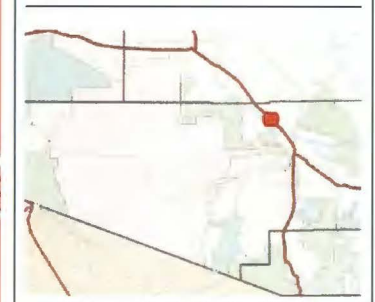
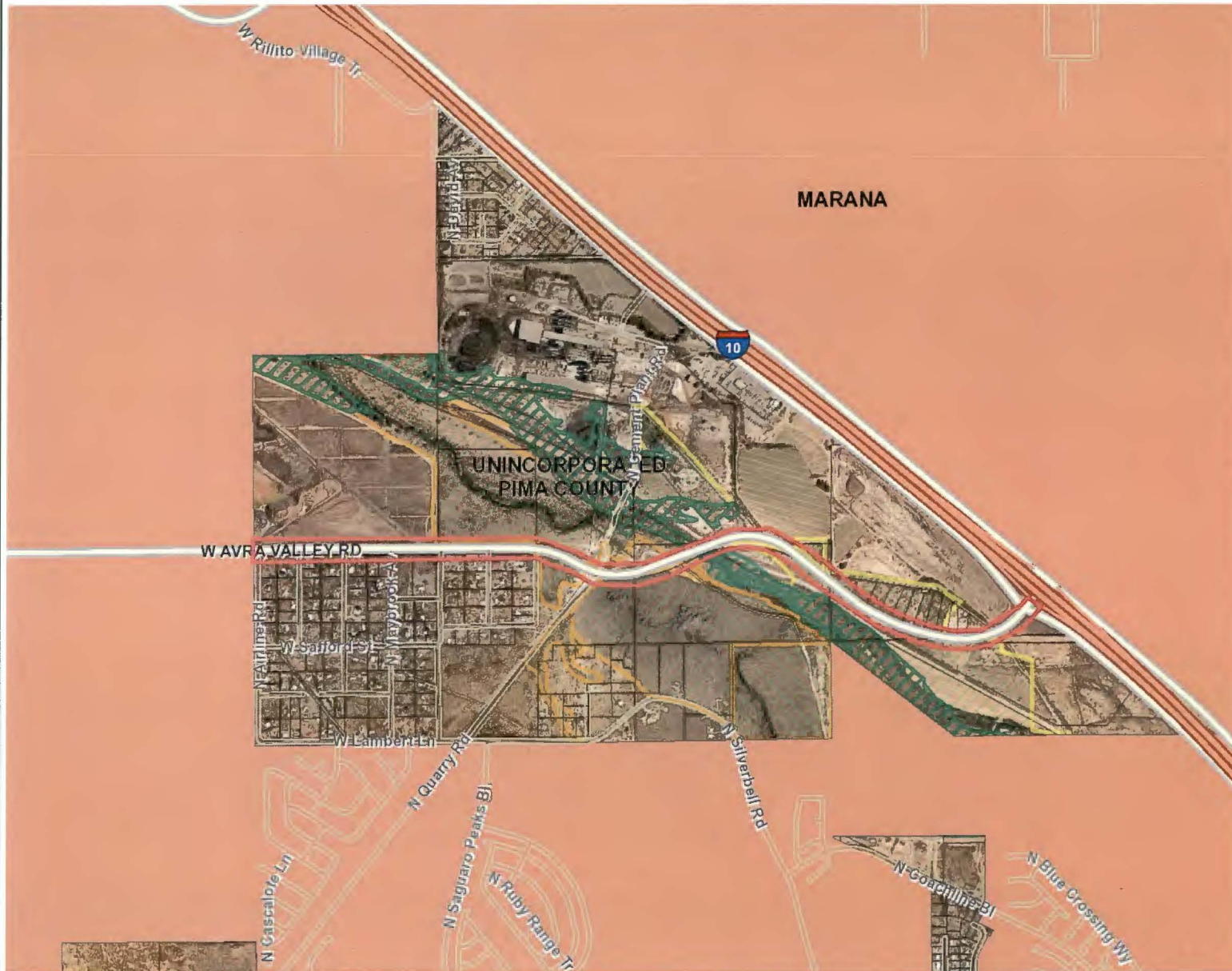
City Limits

- Marana
- Oro Valley
- Sahuarita
- South Tucson
- Tucson

Parcels

Riparian Habitat - Pima County Effective 10/20/2005

- Xeroriparian A
- Xeroriparian B
- Xeroriparian C
- Xeroriparian D
- Hydromesoriparian or Mesoriparian
- IRA - Xeroriparian A
- IRA - Xeroriparian B
- IRA - Xeroriparian C
- IRA - Xeroriparian D
- IRA - H
- Important Riparian Areas



Northwest Recharge Recovery System

4,000.0 0 2,000.00

Feet



This map is static output from an internet mapping site and no warranty is expressed or implied as to the accuracy, reliability, currency or completeness of the data, and is for reference only

1/7/2022

NORTHWEST RECHARGE RECOVERY SYSTEM Exhibit C

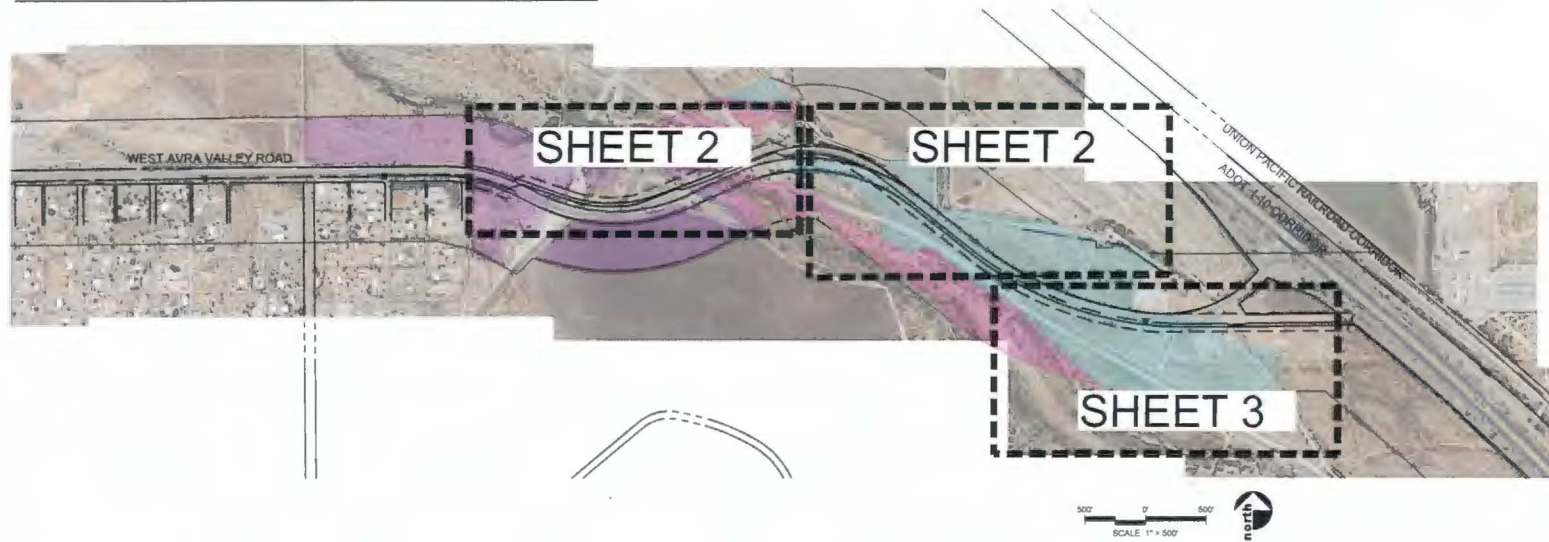
RIPARIAN ASSESSMENT WITHIN UNINCORPORATED PIMA COUNTY

PROJECT OVERVIEW

This Riparian Assessment is related to disturbance associated with the installation of a water pipeline by the Metro Water District. The alignment will be installed within properties managed by the Bureau of Reclamation, the State of Arizona, Pima County and the Town of Marana. Due to the nature of the project, it is impossible to avoid impacts to native vegetation. These plans represent an assessment of disturbance to riparian areas as defined by Pima County and as located within Unincorporated Pima County. There are no mapped riparian areas east of I-10 that are impacted by the pipeline.

An inventory of native plants outside of designated riparian areas within unincorporated Pima County that may be disturbed by construction has been prepared and is included in a separate submittal.

PORTION OF PROJECT THAT FALLS WITHIN UNINCORPORATED PIMA COUNTY



IN-LIEU FEE

To compensate for disturbance to Regulated Riparian Habitat (RRH), the In-Lieu Fee (ILF) option has been chosen in lieu of on-site mitigation. Fee calculations were prepared using the ILF Development Project Flat Fee Table (Table 2) in the RRH Offsite Mitigation Guidelines for Unincorporated Pima County Manual. The cost per acre for IRA-C disturbance is listed as \$25,000; IRA-D disturbance for development is listed as \$22,000.

IN-LIEU FEE CALCULATIONS

IRA-C	0.52 acres of riparian IRA-C habitat will be disturbed in construction. Fee per acre is \$25,000 $\$25,000 \times 0.52A = \$13,000$
IRA-D	1.38 acres of riparian IRA-D habitat will be disturbed in construction. Fee per acre is \$22,000 $\$22,000 \times 1.38 = \$30,360$

TOTAL FEE: $\$13,000 + \$30,360 = \$43,360$



REV.	DESCRIPTION	APPROVED DATE



DESIGNED BY: SAS	DATE: 08/2022
DRAWN BY: SAS	DATE: 08/2022
CHECKED BY: SAS	DATE: 08/2022
APPROVED BY: SAS	DATE: 08/2022

NORTHWEST RECHARGE, RECOVERY AND DELIVERY SYSTEM (NWRDSD) TRANSMISSION MAIN AND FOREBAY FACILITY
 RIPARIAN ASSESSMENT
 COVER SHEET
 M-19-003

RIP01

M.D.W.J.D. # M-19-003

HORIZ. :	
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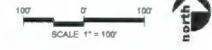
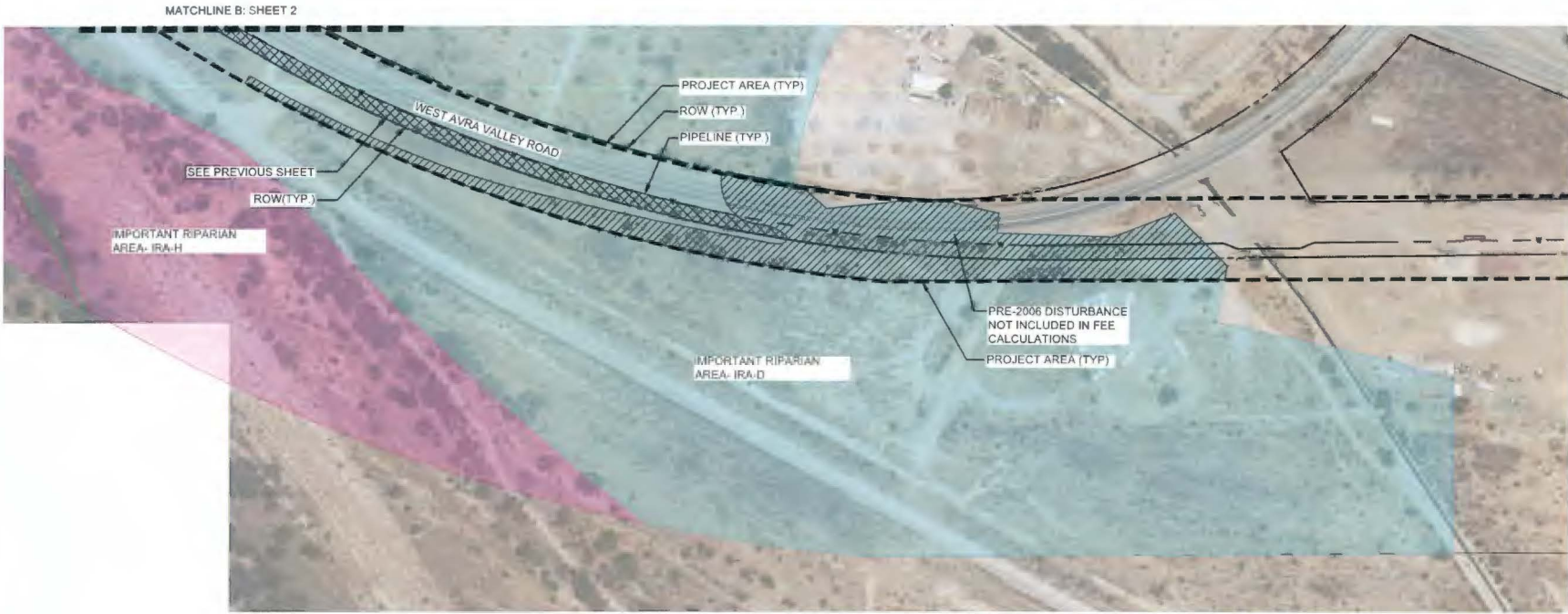
SHEET OF

PROJECT NO: 17-008-2022
 SHEET NO: 17-008-2022-001



NORTHWEST RECHARGE, RECOVERY & DELIVERY SYSTEM (NWRDSD) TRANSMISSION MAIN AND FOREBAY FACILITY M-19-003

LAST SAVED BY: mwh PROJECT NO. 1193DA10 FILE NAME: 217-21-10a.mxd Administrator\mwh\CA.dwg



REV.	DESCRIPTION	APPROVED DATE



DESIGNED BY: SJA	DATE: 11/11/20
DRAWN BY: SJA	DATE: 11/11/20
CHECKED BY: SJA	DATE: 11/11/20
APPROVED BY: SJA	DATE: 11/11/20

NORTHWEST RECHARGE, RECOVERY AND DELIVERY SYSTEM (NWRDS) TRANSMISSION MAIN AND FOREBAY FACILITY
 RIPARIAN ASSESSMENT
 PLAN SHEET
 M-19-003

PROJECT NO.	M-19-003
HORIZ. :	
VERT. :	
SHEET	1 OF 33



NORTHWEST RECHARGE, RECOVERY & DELIVERY SYSTEM (NWRDS) TRANSMISSION MAIN AND FOREBAY FACILITY M-19-003