From: Garcia, Delia
To: Goss, Natasha
Subject: FW: Mitigation Credits Calculation
Date: Thursday, October 20, 2022 4:39:59 PM
Attachments: NeSCAP-CalcBook30monitor-28Feb2019.xlsx
Nebraska Subclasses.pdf

From: Wray, Matthew T CIV USARMY CENWO (USA) <Matt.T.Wray@usace.army.mil>
Sent: Tuesday, June 14, 2022 12:15 PM
To: Garcia, Delia <Garcia.Delia@epa.gov>; Lawrence, Karen L CIV (USA) <Karen.L.Lawrence@usace.army.mil>
Subject: RE: Mitigation Credits Calculation

Delia,

See attached. Also the NeSCAP document and spreadsheet are located in RIBITS (Under Nebraska). We don't have an assessment method in Nebraska for wetlands. We still use a ratio based method and incorporate Nebraska subclass (Landscape position description of wetland complexes in Nebraska, which we use to infer function) and Cowardin Classification. Thanks.

Matthew T. Wray
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From: Garcia, Delia <Garcia.Delia@epa.gov>
Sent: Tuesday, June 14, 2022 11:32 AM
To: Lawrence, Karen L CIV (USA) <Karen.L.Lawrence@usace.army.mil>; Wray, Matthew T CIV USARMY CENWO (USA) <Matt.T.Wray@usace.army.mil>
Subject: [Non-DoD Source] Mitigation Credits Calculation

Karen and Matt,

I am trying to figure out the required mitigation credits for an enforcement case. I went on the Corps website and I see that there is a NeSCAP calculation spreadsheet for stream impacts but for some reason the link is not working. Is there any way you can send me a copy of the spreadsheet. Also, is there a method that you utilize for determine credits for wetland impacts? If so, can you

provide a copy of that document? Thank you.

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Nebraska Wetland Subclasses

Wetland Subclass[1]	Description	Predominate Region	Example
Riverine Channel	Vegetated river or stream channels or vegetated wetland fringe along un-vegetated river or stream channels	Statewide	Salt Creek in Wilderness Park, Lancaster County.
Riverine Floodplain rapid permeability, w/ minimal out of bank flooding.	Wetlands (wet meadows) situate on floodplain soils with rapid permeability & receiving regular out of bank flooding	Platte River	Wet meadows and wet prairie on USFWS Wyoming Tract, Kearney County
Riverine Floodplain rapid permeability, w/ regular out of bank flooding.	Wetlands (wet meadows) situated on floodplain soils with rapid permeability & receiving regular out of bank flooding.	Elkhorn and Loup rivers	Prairie Wolf WMA, Nance County
Riverine Floodplain mod to slow permeability, w/ minimal out of bank flooding.	Wetlands situated on floodplain soils with moderate to slow permeability & receiving minimal out of bank flooding	Missouri River, from Sioux City to Omaha	Decatur Bend WMA, Burt County
Riverine Floodplain mod to slow permeability, w/ regular out of bank flooding.	Wetlands situated on floodplain soils with moderate to slow permeability & receiving regular out of bank flooding.	Missouri River, downstream from Plattsmouth	Hamburg Bend WMA, Otoe County.
Saline Depressions	Wetlands situated on floodplain soils with slow permeability & receiving inputs of saline groundwater	Eastern Saline Wetlands	Jack Sinn WMA, Lancaster County
Playa Depressions	Wetlands situated in wind-formed depressions that receive water predominately from surface runoff. They are episaturated with short or long duration ponding	Rainwater Basins, SW Playas, Central Table Playas, Todd Valley	Hultine WPA, Clay County
Floodplain Depressions	Wetlands situated in floodplain depressions with long duration ponding, such as oxbows.	Statewide	Wood Duck WMA, Stanton County
Sandhill Depressions, episaturated	Wetlands situated in Sandhill depressions located on episaturated soils (e.g. sand over clay)	Sandhills and Sandhill borders	Unknown

Wetland Subclass[1]	Description	Predominate Region	Example
Sandhill Depressions, endosaturated	Wetlands situated in Sandhill depressions located on endosaturated soils. This would include most Sandhill marshes	Sandhills	Ballard's Marsh WMA Cherry County
Western Alkaline Floodplain Depressions	Wetlands situated on fine textured alkaline floodplain soils	North Platte River valley	Facus Springs WMA Morrill County
Sandhill Alkaline Depressions	Wetlands situated on course textured alkaline Sandhill soils	Western Sandhills	Crescent Lake NWR, Garden County
Lacustrine Fringe	Vegetated wetland fringes situated around the edge of deep water (>6ft) lakes	Sandhills & around farm ponds and reservoirs	Branched Oak Lake, Lancaster County Pelican Lake, Valentine NWR, Cherry County
Mineral Soil Flats	Wetlands situated on flat endosaturated Sandhill mineral soils. This would include most Sandhill wet meadows	Sandhills	Wet Meadows on Valentine NWR, Cherry County
Organic Soil Flats	Wetlands situated on flat endosaturated Sandhill organic soils. These wetlands are termed fens	Sandhills	SW part of Cottonwood-Stevenson WMA, Cherry County
Slope Wetlands	Wetlands situated on slopes that receive water from springs & seeps discharging due to an aquatard (e.g glacial till over clay).	Eastern third of state	Pawnee Prairie WMA Pawnee County
Slope Wetlands, Canyon Spring	Wetlands situated on slopes that receive water from springs & seeps discharging due to an aquatard (e.g. glacial till over clay).	Niobrara River Valley	Fort Niobrara NWR Cherry County
Slope Wetlands, Sandhill Springs	Wetlands situated on slopes that receive water from Sandhill springs	Sandhills	Halsey National Forest, Thomas, County

Welcome to the Nebraska Stream Condition Assessment Procedure Calculation Spreadsheet (NeSCAP Calcbook)

These worksheets are designed to assist with the calculations for Nebraska's Stream Condition Assessment and Mititigation.

The SUMMARY tab provides numbers from the Impact and Mitigation worksheets and allows for input for credits associated with Mitigation banks or an In-Lieu Fee Program.

Some cells are blocked as they contain information that cannot be changed.

Point of Contact. Project specific questions must go through the Project Manager handling your project. General inquiries or comments regarding this document may be addressed to:

Matt Wray
Mitigation Chair and Project Manager
U. S. Army Corps of Engineers, Omaha District
Nebraska Regulatory Office - Wehrspann Field Office
8901 S 154th Street, Omaha NE 68138
Subject: NeSCAP

OR Field Support & Analysis Staff member
Karen Lawrence
Mitigation Coordinator and Assessments
U. S. Army Corps of Engineers, Omaha District
1616 Capitol Avenue, Ste 9000
Omaha, Nebraska 68102
Subject: NeSCAP

These no

ɔtes are for items that relate to this spreadsheet that needed clarification beyond the Conditional Assessment document

state of Nebraska

This conditional assessment method can be used in other states as long as the Major Riparian-wetland plant associations and the natural plant communities are known in so Variables 4 and 5 (composition & buffer continuity) can be scored . If using outside of the Midwest, Variable 6
If a given variable is not applicable ("N/A") or is unknown ("UK") for the tabs 'IMPACTS' and 'MITIGATION', leave those cell(s) as 0.00 in both the baseline and post-project sections. This will distinguish them from variables with known values and will ensure they do not affect overall
drop down menu of score options can be used. The spreadsheet will not accept scoring outside of appropriate values.
Nebraska policy includes additional ratios for circumstances where there is either a change in channel length or a change in channel order. See Policy tab for further clarification.

RR_i= Impact reach

	Baseline (Pre project)	RR_i1	RR_i2	RR_i3	RR_i4	RR_i5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00
	Stream Condition Index	0.00	0.00	0.00	0.00	0.00
	Left descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	Right descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	width (ft)	0.00	0.00	0.00	0.00	0.00
	Area	0	0	0	0	0
	Stream condition Index * area	0.00	0.00	0.00	0.00	0.00

	Post Project (PROPOSED)	RRi1	RRi2	RRi3	RRi4	RRi5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00
	Stream Condition Index	0.00	0.00	0.00	0.00	0.00
	Left descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	Right descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	width (ft)	0.00	0.00	0.00	0.00	0.00
	Area	0	0	0	0	0
	Stream condition Index * area	0.00	0.00	0.00	0.00	0.00

	Change from baseline to post project	RRi1	RRi2	RRi3	RRi4	RRi5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodpalin Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Riparian Buffer	0.00	0.00	0.00	0.00	0.00

6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

PROPOSED - BASELINE	0.00
Stream Length Multiplier	1.0

Impact Units	0.00

Stream Order Multiplier	0

PROJECT IMPACT UNITS	**0.00**

RR_i6	RR_i7	RR_i8	RR_i9	RR_i10	RR_i11	RR_i12	RR_i13	RR_i14	RR_i15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRi6	RRi7	RRi8	RRi9	RRi10	RRi11	RRi12	RRi13	RRi14	RRi15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRi6	RRi7	RRi8	RRi9	RRi10	RRi11	RRi12	RRi13	RRi14	RRi15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RR$_i$16	RR$_i$17	RR$_i$18	RR$_i$19	RR$_i$20	RR$_i$21	RR$_i$22	RR$_i$23	RR$_i$24	RR$_i$25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRi16	RRi17	RRi18	RRi19	RRi20	RRi21	RRi22	RRi23	RRi24	RRi25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRi16	RRi17	RRi18	RRi19	RRi20	RRi21	RRi22	RRi23	RRi24	RRi25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RR_i26	RR_i27	RR_i28	RR_i29	RR_i30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0	0	0	0	0
0.00	0.00	0.00	0.00	0.00

RRi26	RRi27	RRi28	RRi29	RRi30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0	0	0	0	0
0.00	0.00	0.00	0.00	0.00

RRi26	RRi27	RRi28	RRi29	RRi30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00

RR_m= Mitigation reach

	Baseline (Pre project)	RR_m1	RR_m2	RR_m3	RR_m4	RR_m5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00
	Stream Condition Index	0.00	0.00	0.00	0.00	0.00
	Left descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	Right descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	width (ft)	0.00	0.00	0.00	0.00	0.00
	Area	0.00	0.00	0.00	0.00	0.00
	Stream condition Index * area	0.00	0.00	0.00	0.00	0.00

	Post Project (PROPOSED)	RRm1	RRm2	RRm3	RRm4	RRm5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00
	Stream Condition Index	0.00	0.00	0.00	0.00	0.00
	Left descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	Right descending bank -Length (ft)	0.00	0.00	0.00	0.00	0.00
	width (ft)	0.00	0.00	0.00	0.00	0.00
	Area	0.00	0.00	0.00	0.00	0.00
	Stream condition Index * area	0.00	0.00	0.00	0.00	0.00

	Change from baseline to post project	RRm1	RRm2	RRm3	RRm4	RRm5
1	Hydraulic Conveyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
2	In-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
3	Floodpalin Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
4a	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00

4b	Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
5	Riparian Buffer	0.00	0.00	0.00	0.00	0.00
6	Land use adjacent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

PROPOSED - BASELINE	0
Stream Length Multiplier	1.0

MITIGATION UNITS	0

RR_m6	RR_m7	RR_m8	RR_m9	RR_m10	RR_m11	RR_m12	RR_m13	RR_m14	RR_m15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRm6	RRm7	RRm8	RRm9	RRm10	RRm11	RRm12	RRm13	RRm14	RRm15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRm6	RRm7	RRm8	RRm9	RRm10	RRm11	RRm12	RRm13	RRm14	RRm15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RR_m16	RR_m17	RR_m18	RR_m19	RR_m20	RR_m21	RR_m22	RR_m23	RR_m24	RR_m25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRm16	RRm17	RRm18	RRm19	RRm20	RRm21	RRm22	RRm23	RRm24	RRm25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RRm16	RRm17	RRm18	RRm19	RRm20	RRm21	RRm22	RRm23	RRm24	RRm25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RR_m26	RR_m27	RR_m28	RR_m29	RR_m30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

RRm26	RRm27	RRm28	RRm29	RRm30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

RRm26	RRm27	RRm28	RRm29	RRm30
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Mitigation Summary Worksheet

Project Name: _____

Corps # _____

	(A-Units)
Total Impact Units =	**0.00**
Total Proposed Mitigation	**0.00**

Proposed Mitigation Credits > Debits	**TRUE**

MITIGATION BREAKDOWN	
	(A-Units)
Total Proposed Bank Mitigation	0
	(A-Units)
Total Proposed ILF Mitigation	0
	(A-Units)
Total Proposed Permittee-responsible	0
sum=	0
	TRUE

Policy
For the Nebraska Stream Condition Assessment Procedure (NeSCAP)

Standard Nebraska policies, such as buffer widths and wetland mitigation ratios, will apply to projects that utilize this assessment method. Listed below are additional policies directed at stream and riparian resources only. In most cases, this assessment method will be used for projects that require stream mitigation, including individual permits and nationwide permits, or projects needing to demonstrate a net gain in functions and services, such as Nationwide Permit #27, and any stream or riparian project that a Project Manager deems appropriate, based on the resource and/or extent of impacts.

Boundary for assessment (post project)
Variable 4, 5, & 6 Land Use. For reservoir projects, the post project assessment boundary is generally considered the area between the permanent (normal) pool elevation and the dam emergency spillway elevation.

Multipliers: (See Calcbook)
1) Stream Length
A change in stream length will be evaluated for each stream project and a multiplier will be applied. This multiplier will be factored as part of the Project Impact Units or the Mitigation Units.

For projects approved with a reduction of stream length, the multiplier will range from 1 to 4. For example, no loss of stream length will get assigned a multiplier of 1 while a complete loss of stream length will be assigned a multiplier of 4. Lengths in between will be assigned an intermediate multiplier value.

For projects approved with the addition of stream length, the multiplier will range from 1 to 2. For example, no additional stream length will get assigned a multiplier of 1 while two times or greater additional stream length will be assigned a multiplier of 2. Lengths in between will be assigned an intermediate multiplier value.

2) Stream Order (in-kind vs. out-of-kind)
In addition to looking at the assessment scores for the mitigation site, the Nebraska Regulatory Office will also consider stream order. The goal of compensatory mitigation is to replace functions lost at the impact site. Unlike wetlands where some water regimes, such as PEMA & PEMC function very similarly, different stream orders cannot be combined for mitigation. Additionally, stream channels with different classifications (ephemeral, intermittent, and perennial) do not function similarly and cannot be grouped for mitigation.

Mitigating with a different stream order or classification other than what is impacted (out-of-kind) may be considered on a case-by-case basis. In cases where a mitigation channel is the same order or classification as the impacted channel, no additional multiplier will be assigned. If the mitigation channel is one order or one classification different than the impacted channel, a 1.25 multiplier will be applied to the impact units. If there is a two order or two classification difference, a 1.50 multiplier will be applied to the impact units.

NOTE: Stream length and stream order are separate multipliers and will be applied independent of the other.

Overall Scoring using the Calcbook
Compensatory mitigation will be required when the post project Impact Units result in an overall negative score. There will be situations where a positive score will be reached by the NeSCAP calcbook, even though not actually offsetting all lost variables. In cases where all variables post project score is 0 (representing a complete removal of all 6 variables within a riparian reach), mitigation for the lost riparian reach will be required. The goal of this additional mitigation is to replace lost functions associated with a decrease in channel length. In stream/channel mitigation, preferably upstream or downstream of the impacts, will be required. A mitigation ratio will be based on the type of mitigation proposed [restoration (re-establishment or rehabilitation), enhancement, or preservation], but a minimum of 1:1 functional units will be required.

Determination of Mitigation Banking Crediting
Credits in a mitigation bank containing a stream mitigation component situation will be based on the difference between pre and post project scores. Scores on a post project shall all be positive in order to be considered acceptable as a stream

PROJECT NAME:
PROJECT NUMBER:
TEAM MEMBER(S):

RR1	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR2	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR3	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR4	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00

6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR5	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR6	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR7	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR8	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR9	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

RR10	Performance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results
1	**Hydraulic Conveyance and Sediment Dynamics**	0.00	0.00	0.00
2	**In-stream Habitat/Available Cover**	0.00	0.00	0.00
3	**Floodplain Interaction-Connectivity**	0.00	0.00	0.00
4a	**Riparian Vegetation Composition**	0.00	0.00	0.00
4b	**Riparian Vegetation Composition**	0.00	0.00	0.00
5	**Buffer continuity & Width**	0.00	0.00	0.00
6	**Land use adjacent to Active Flood plain zone**	0.00	0.00	0.00

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results		RR11	Perfor
0.00	0.00	0.00	0.00	1	Hydraulic Conv
0.00	0.00	0.00	1.00	2	In
0.00	0.00	0.00	0.75	3	Flo
0.00	0.00	0.00	0.50	4a	R
0.00	0.00	0.00	0.25	4b	R
0.00	0.00	0.00	0.10	5	
0.00	0.00	0.00		6	Land use adj

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results	RR12	Perfor
0.00	0.00	0.00	1	Hydraulic Conv
0.00	0.00	0.00	2	In
0.00	0.00	0.00	3	Flo
0.00	0.00	0.00	4a	R
0.00	0.00	0.00	4b	R
0.00	0.00	0.00	5	
0.00	0.00	0.00	6	Land use adj

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results	RR13	Perfor
0.00	0.00	0.00	1	Hydraulic Conv
0.00	0.00	0.00	2	In
0.00	0.00	0.00	3	Flo
0.00	0.00	0.00	4a	R
0.00	0.00	0.00	4b	R
0.00	0.00	0.00	5	
0.00	0.00	0.00	6	Land use adj

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results	RR14	Perfor
0.00	0.00	0.00	1	Hydraulic Conv
0.00	0.00	0.00	2	In
0.00	0.00	0.00	3	Flo
0.00	0.00	0.00	4a	R
0.00	0.00	0.00	4b	R
0.00	0.00	0.00	5	

0.00	0.00	0.00

6	**Land use adj**

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR15	**Perfor**
1	**Hydraulic Conv**
2	**In**
3	**Flo**
4a	**R**
4b	**R**
5	
6	**Land use adj**

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR16	**Perfor**
1	**Hydraulic Conv**
2	**In**
3	**Flo**
4a	**R**
4b	**R**
5	
6	**Land use adj**

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR17	**Perfor**
1	**Hydraulic Conv**
2	**In**
3	**Flo**
4a	**R**
4b	**R**
5	
6	**Land use adj**

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR18	**Perfor**
1	**Hydraulic Conv**
2	**In**
3	**Flo**
4a	**R**
4b	**R**
5	
6	**Land use adj**

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR19	Perfor
1	Hydraulic Conv
2	In
3	Flo
4a	R
4b	R
5	
6	Land use adj

YEAR 3 Monitoring results	YEAR 4 Monitoring results	YEAR 5 Monitoring results
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

RR20	Perfor
1	Hydraulic Conv
2	In
3	Flo
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4b	R
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6	Land use adj

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00

acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Riparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
iparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
iparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

rmance Standards	Proposed Project Scores	YEAR 1 Monitoring results	YEAR 2 Monitoring results	YEAR 3 Monitoring results	YEAR 4 Monitoring results
eyance and Sediment Dynamics	0.00	0.00	0.00	0.00	0.00
n-stream Habitat/Available Cover	0.00	0.00	0.00	0.00	0.00
odplain Interaction-Connectivity	0.00	0.00	0.00	0.00	0.00
iparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
iparian Vegetation Composition	0.00	0.00	0.00	0.00	0.00
Buffer continuity & Width	0.00	0.00	0.00	0.00	0.00
acent to Active Flood plain zone	0.00	0.00	0.00	0.00	0.00

YEAR 5 Monitoring results
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YEAR 5 Monitoring results
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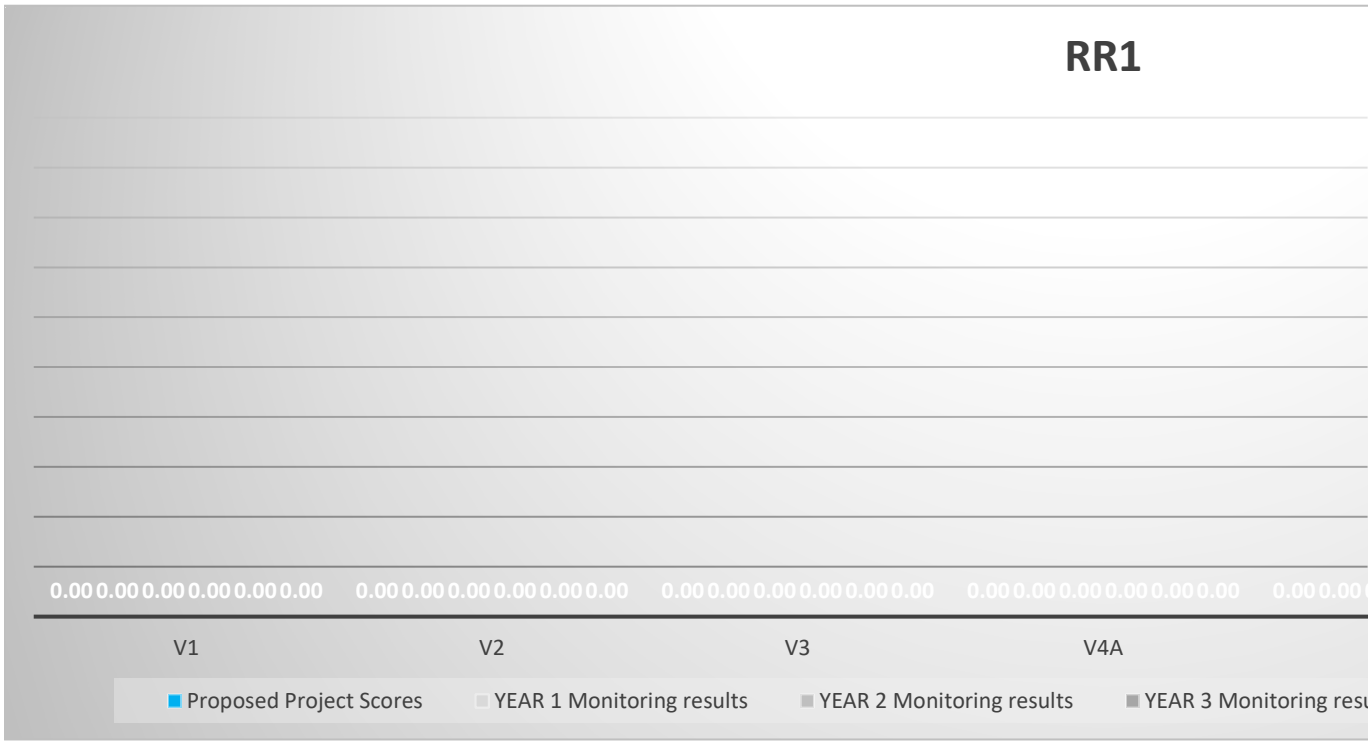
RR1
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Proposed Project Scores
YEAR 1 Monitoring results
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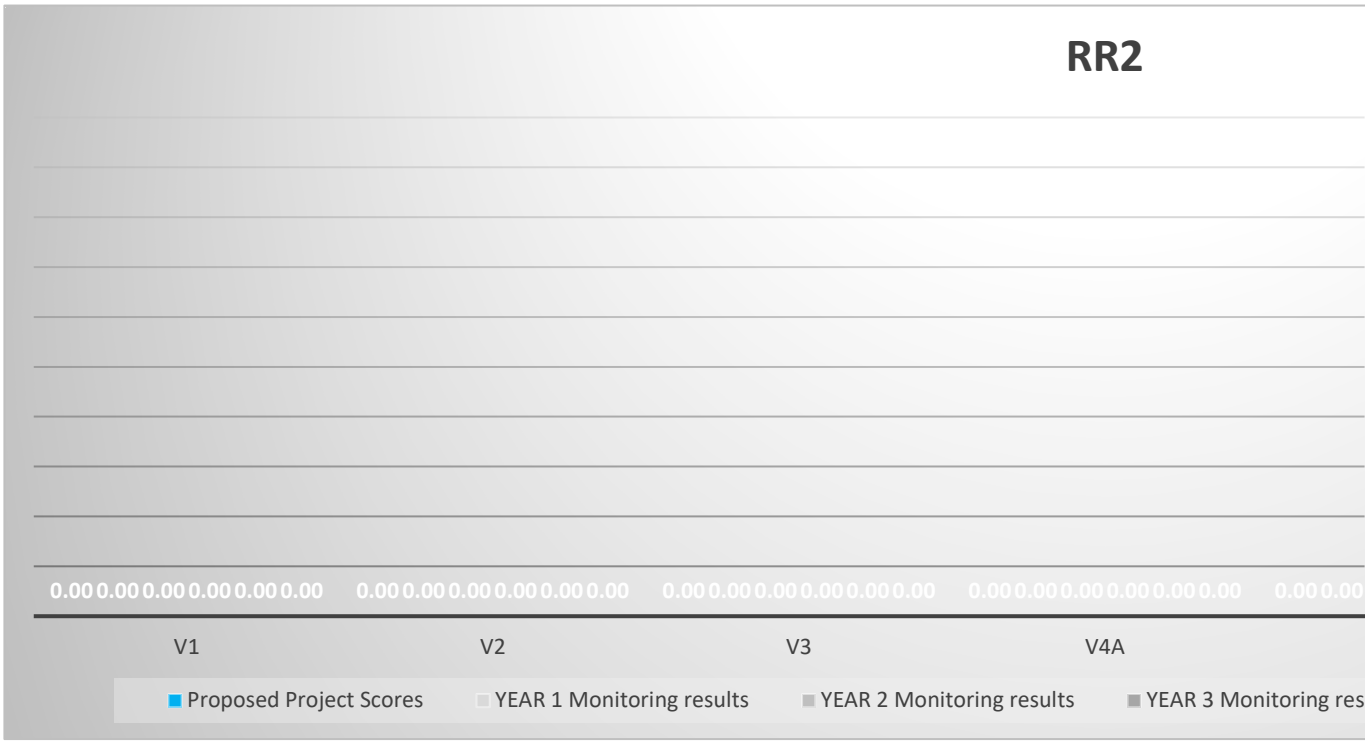
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Proposed Project Scores
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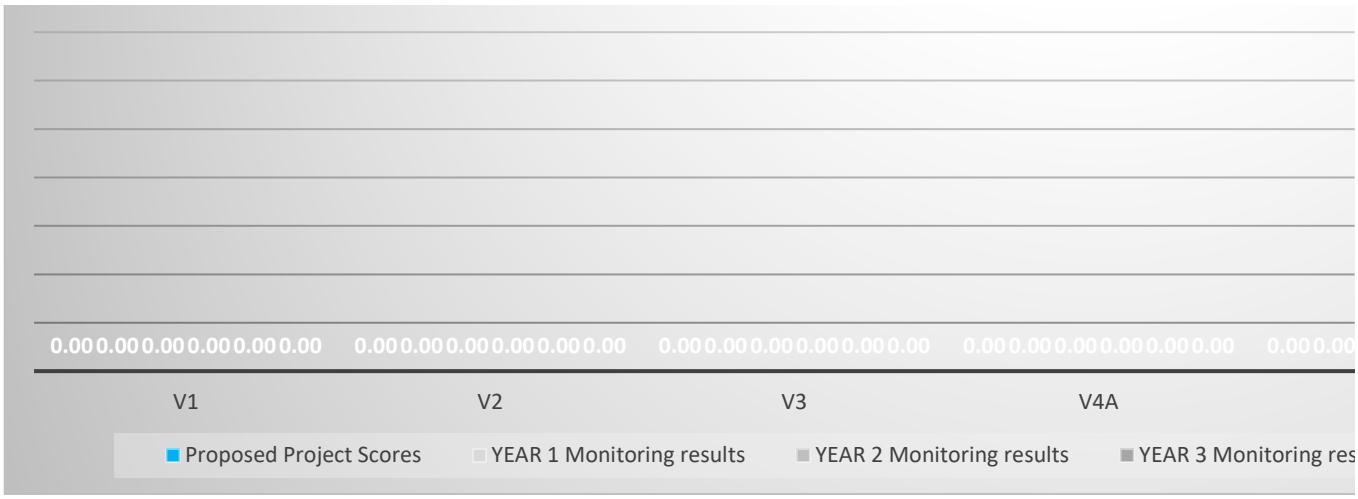
YEAR 3 Monitoring res


RR3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V1
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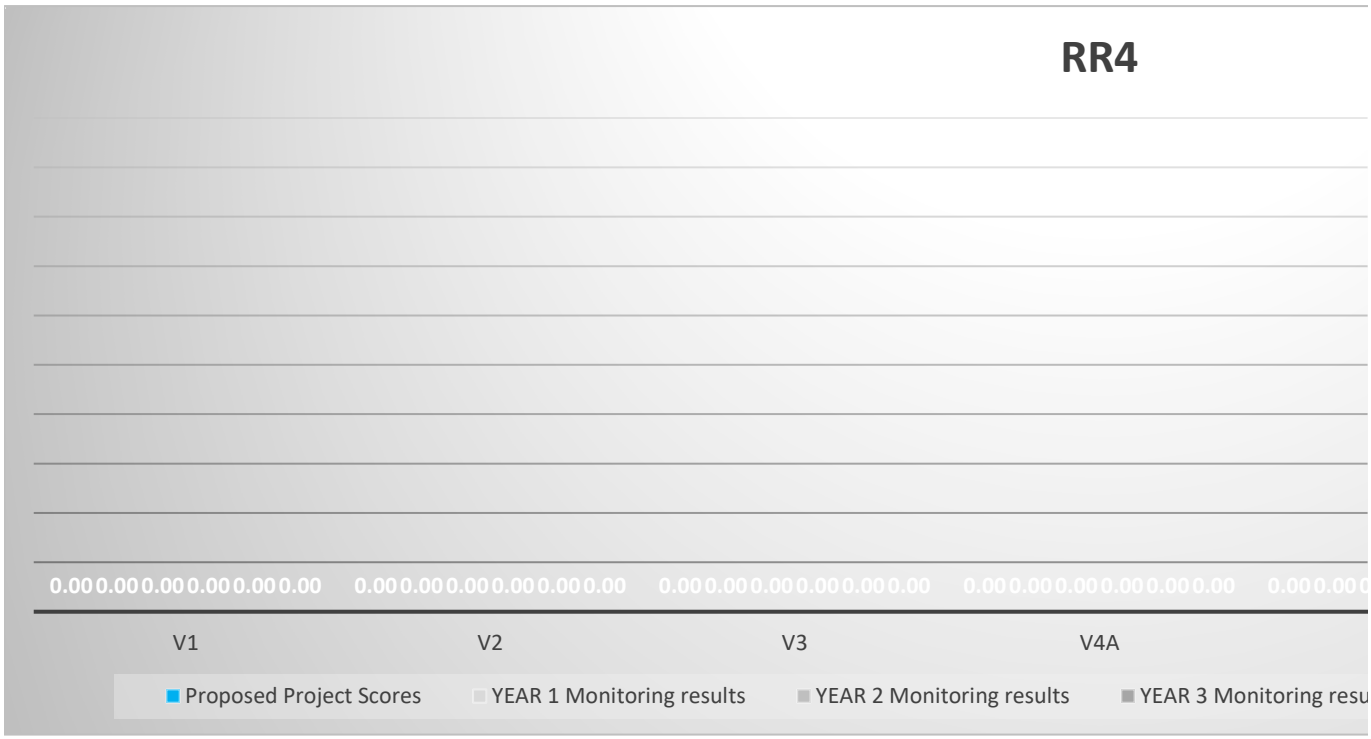
Proposed Project Scores
YEAR 1 Monitoring results
YEAR 2 Monitoring results
YEAR 3 Monitoring res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V1
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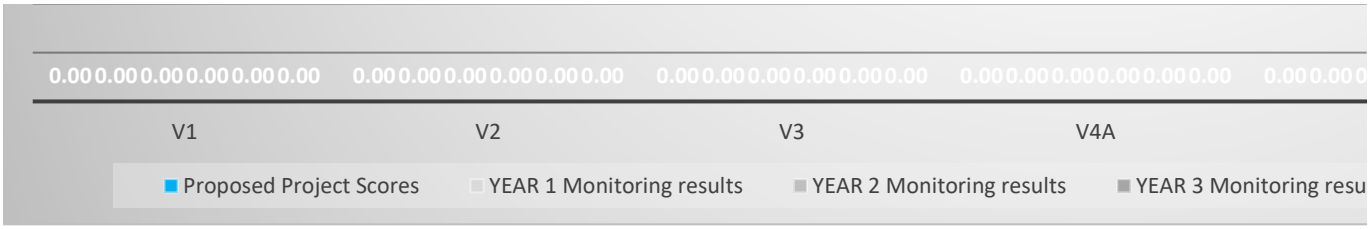
V4A
Proposed Project Scores
YEAR 1 Monitoring results
YEAR 2 Monitoring results
YEAR 3 Monitoring resu


RR5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Proposed Project Scores
YEAR 1 Monitoring results
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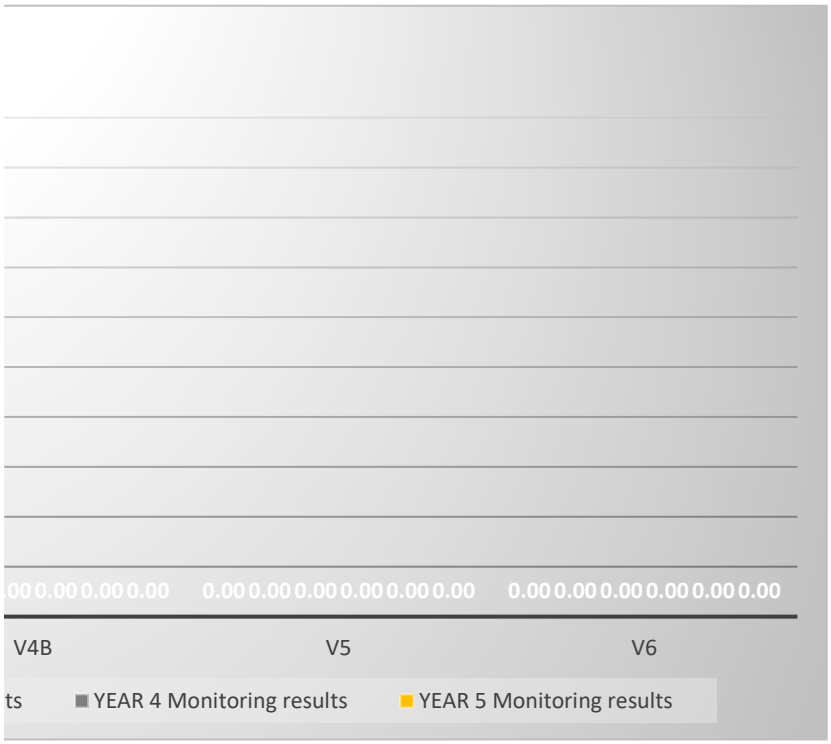
YEAR 3 Monitoring resu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V4B
V5
V6
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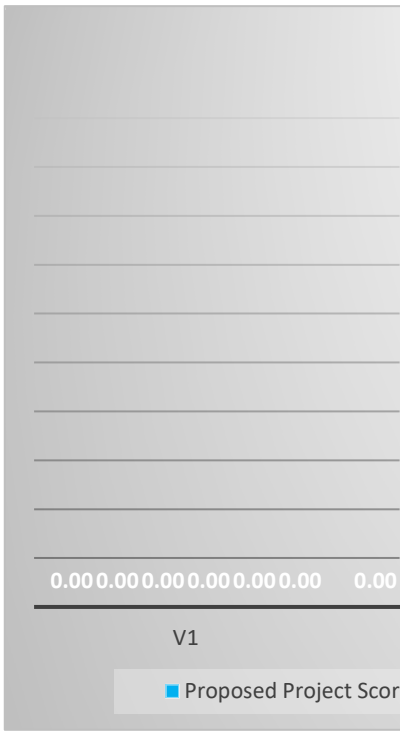
YEAR 4 Monitoring results
YEAR 5 Monitoring results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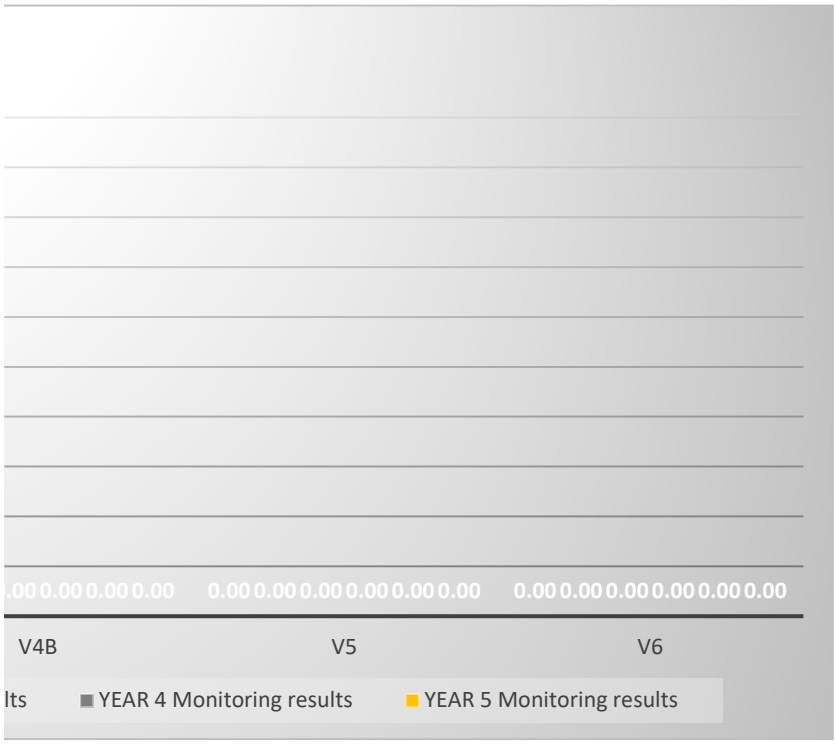
V1
Proposed Project Scor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V4B
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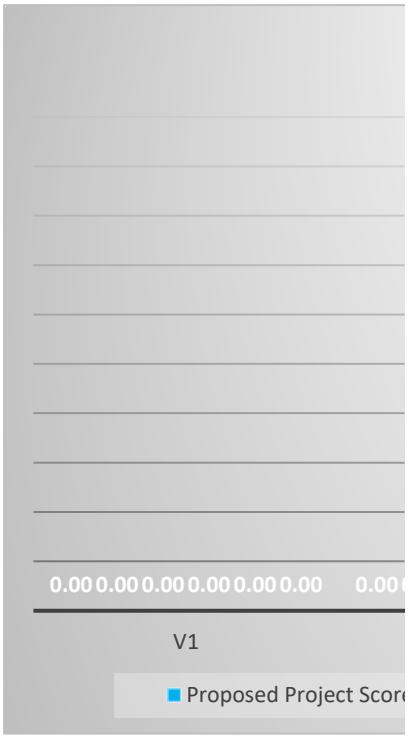
YEAR 4 Monitoring results
YEAR 5 Monitoring results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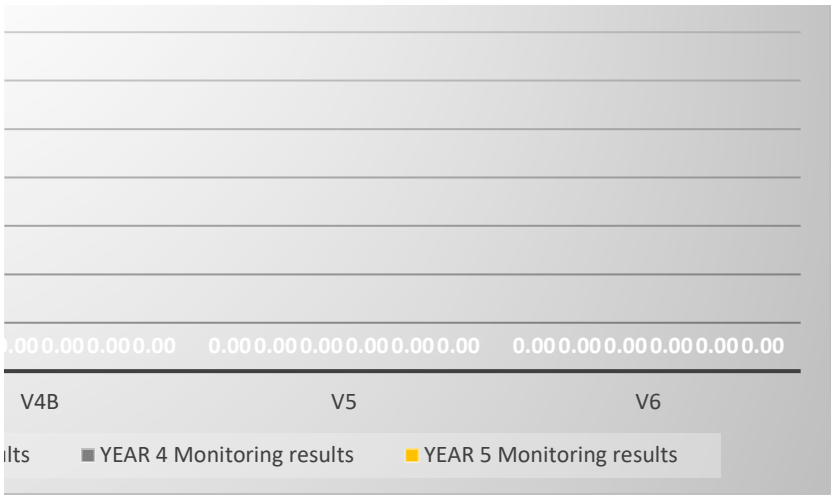
V1
Proposed Project Scor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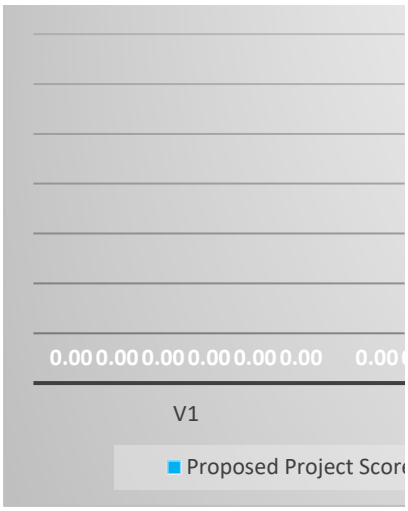
V4B
V5
V6
YEAR 4 Monitoring results
YEAR 5 Monitoring results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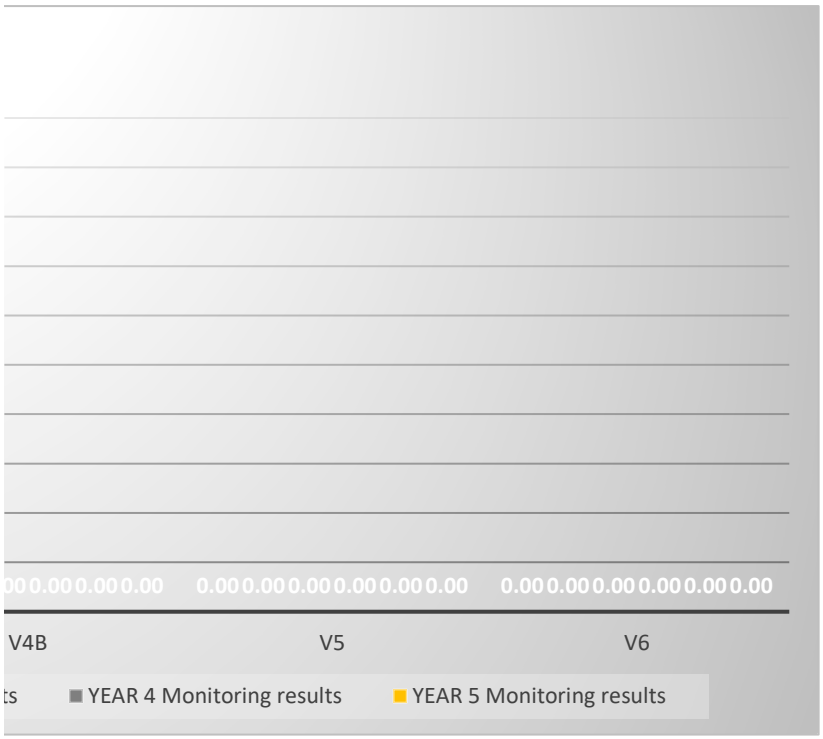
V1
Proposed Project Score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V4B
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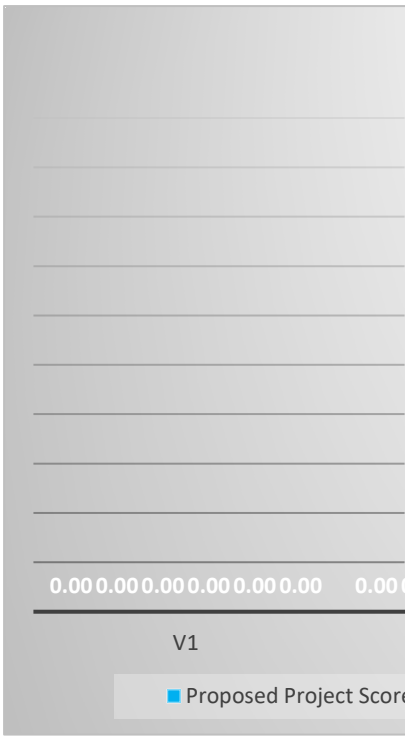
YEAR 4 Monitoring results
YEAR 5 Monitoring results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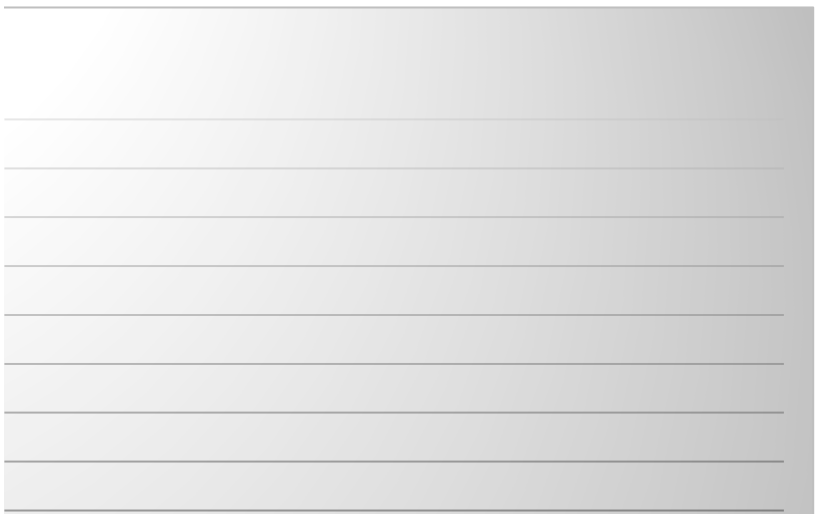
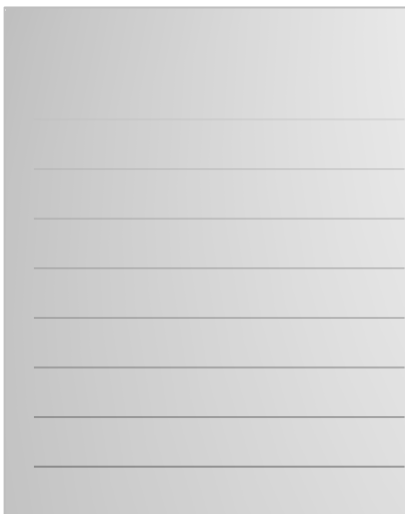
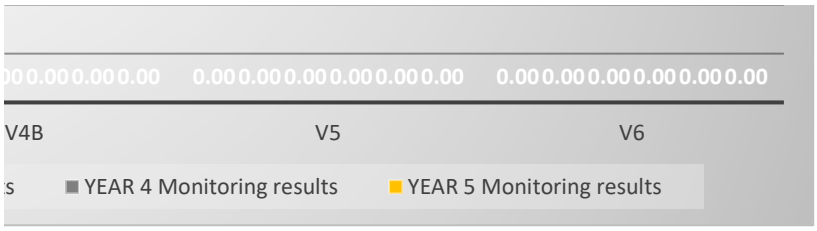
V1
Proposed Project Score



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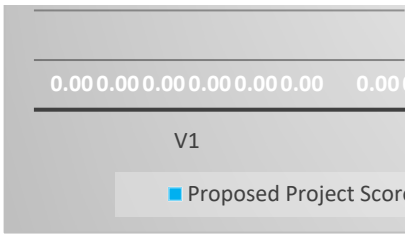
YEAR 4 Monitoring results
YEAR 5 Monitoring results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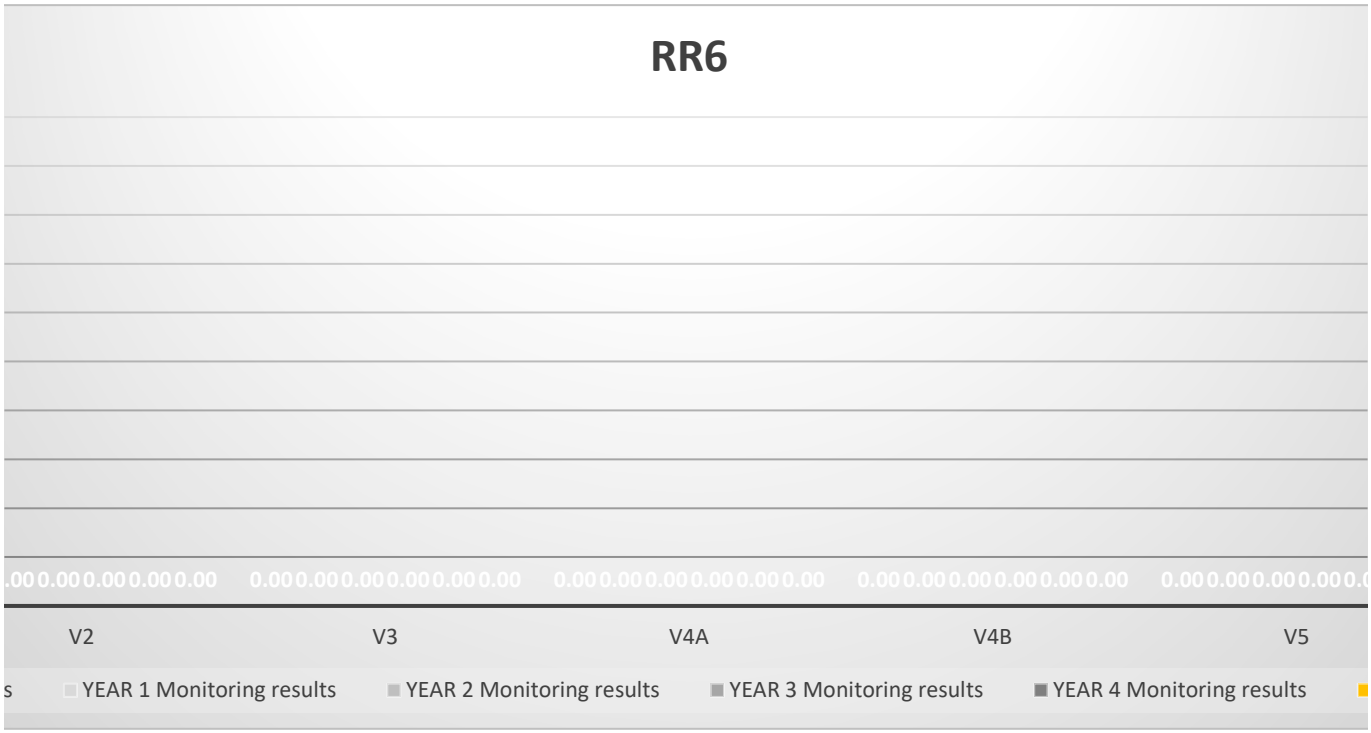
V1
Proposed Project Scor


RR6
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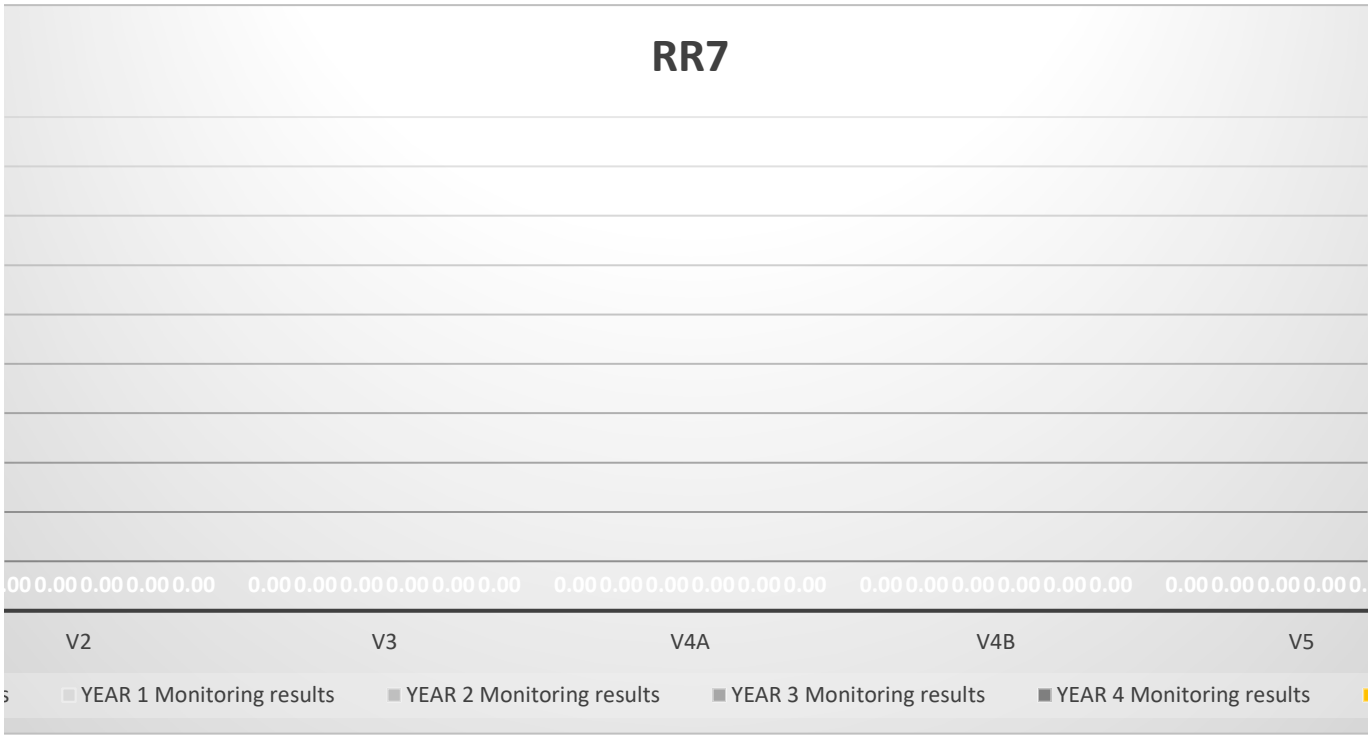
YEAR 1 Monitoring results
YEAR 2 Monitoring results
YEAR 3 Monitoring results
YEAR 4 Monitoring results


RR7
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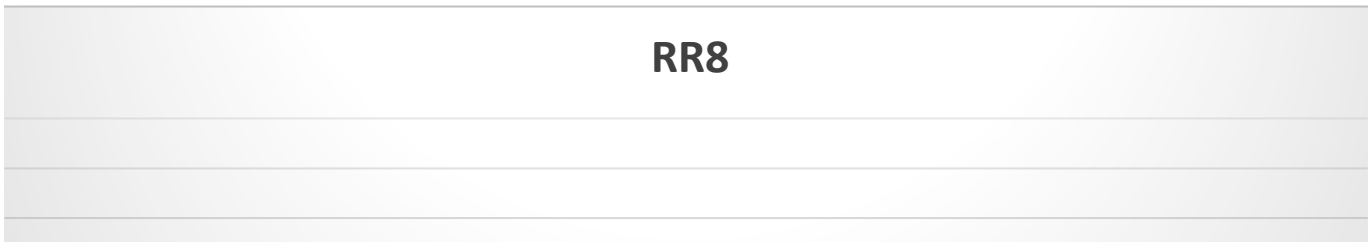
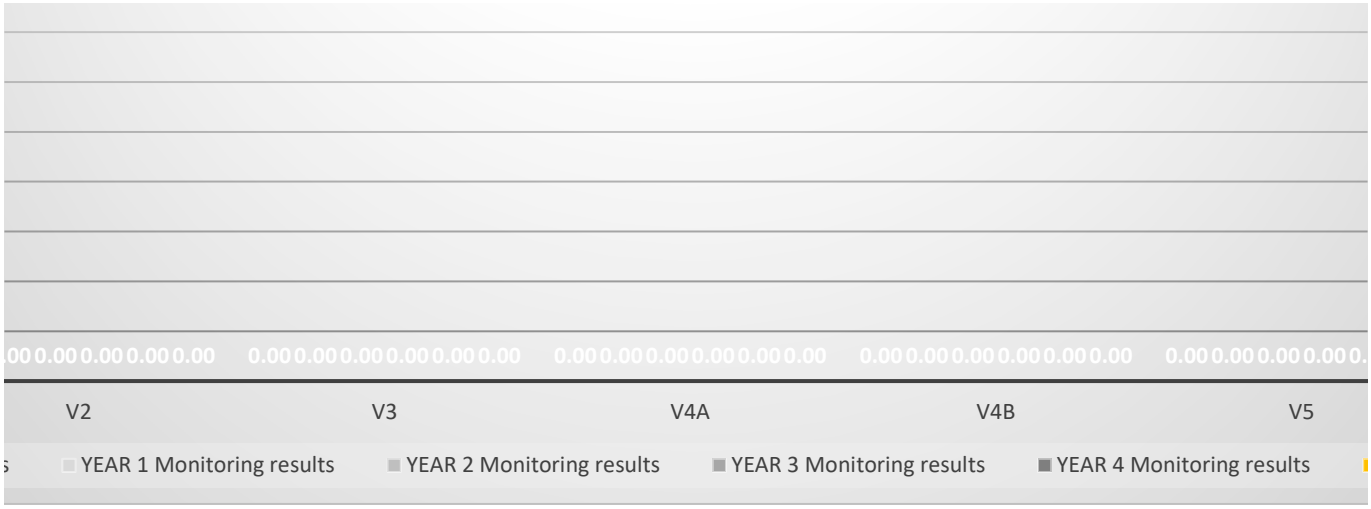
YEAR 1 Monitoring results
YEAR 2 Monitoring results
YEAR 3 Monitoring results
YEAR 4 Monitoring results


RR8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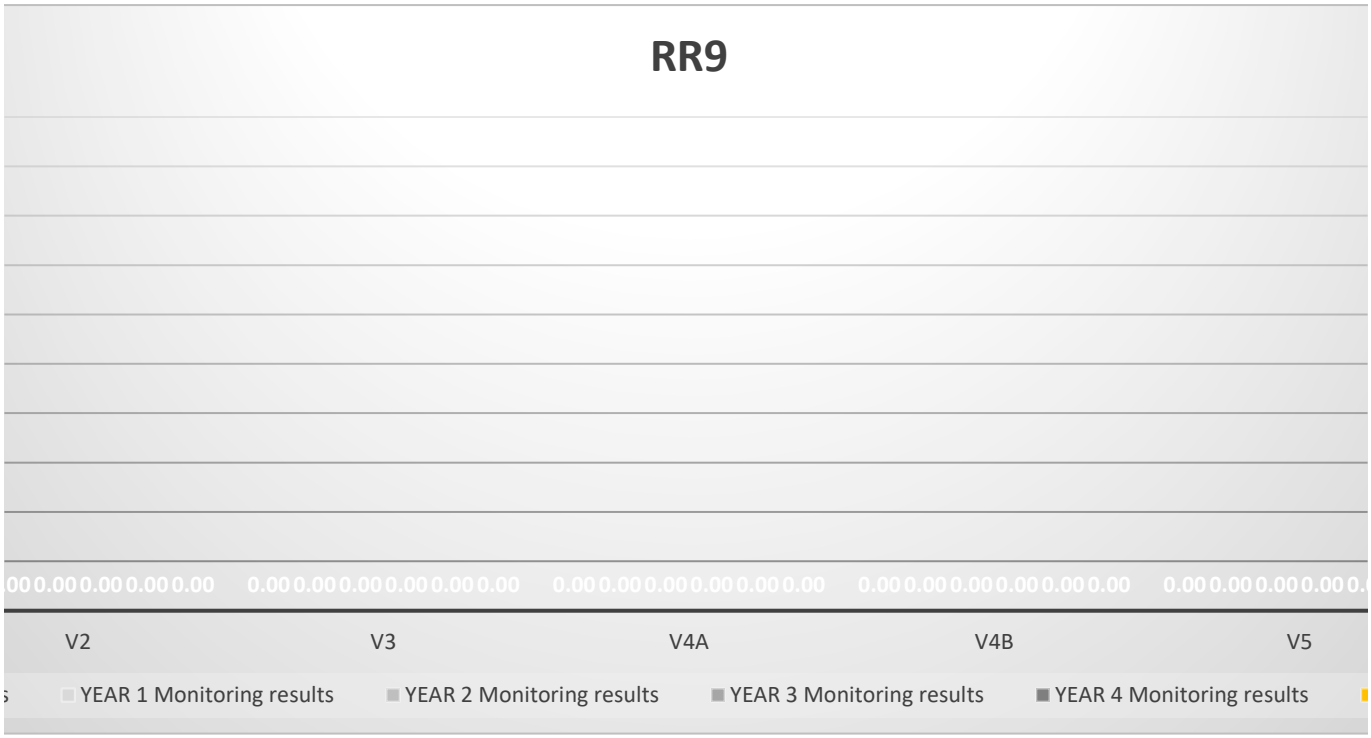
YEAR 2 Monitoring results
YEAR 3 Monitoring results
YEAR 4 Monitoring results

RR9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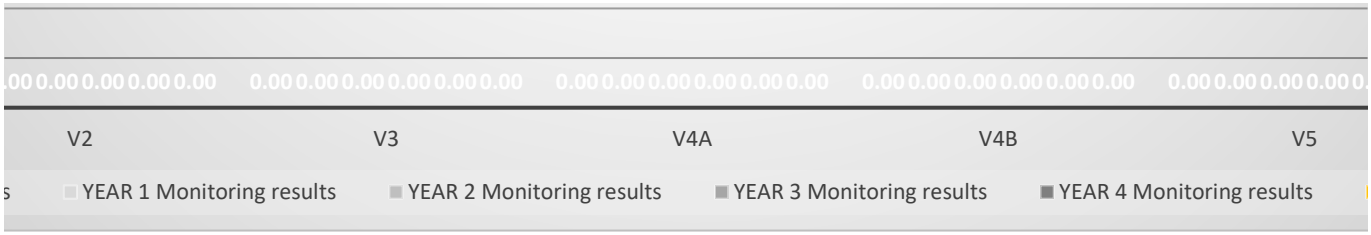
V2
V3
V4A
V4B
V5
YEAR 1 Monitoring results
YEAR 2 Monitoring results
YEAR 3 Monitoring results
YEAR 4 Monitoring results

RR10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YEAR 3 Monitoring results
YEAR 4 Monitoring results


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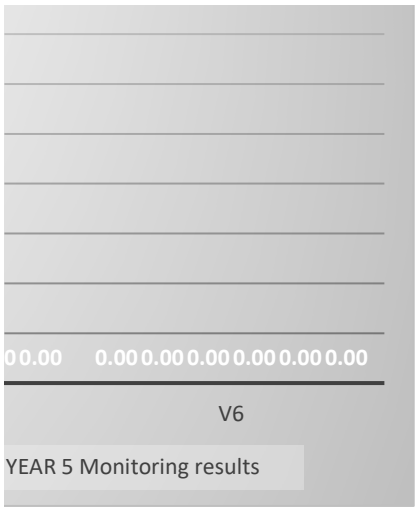
YEAR 5 Monitoring results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V6
YEAR 5 Monitoring results


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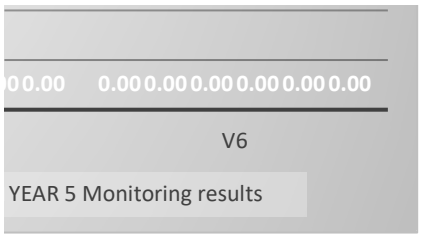
V6
YEAR 5 Monitoring results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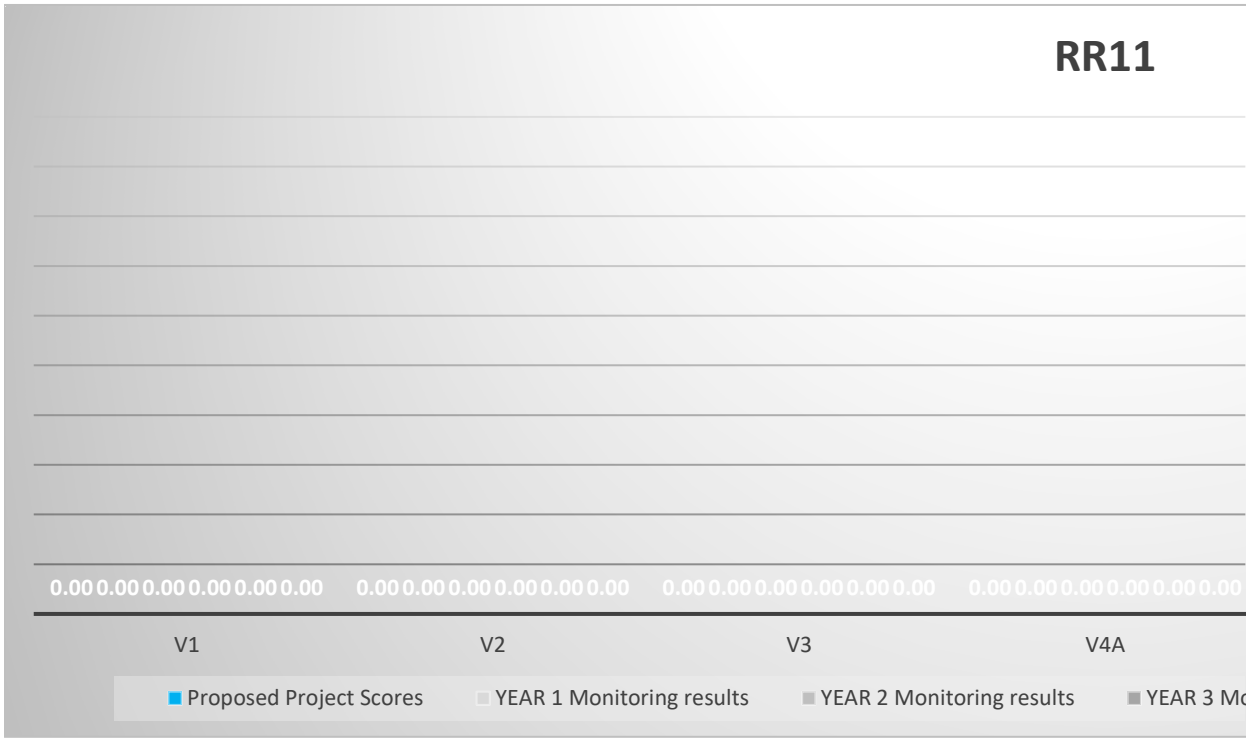
V6
YEAR 5 Monitoring results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Proposed Project Scores
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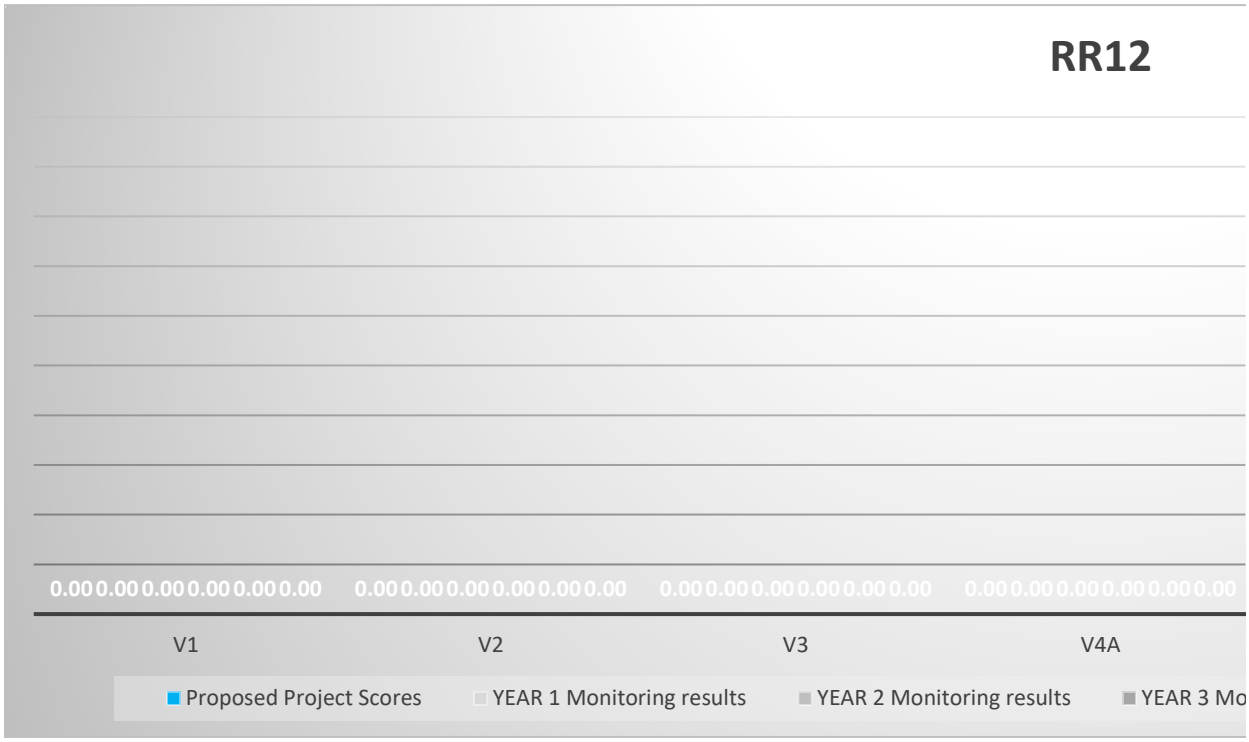
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Proposed Project Scores
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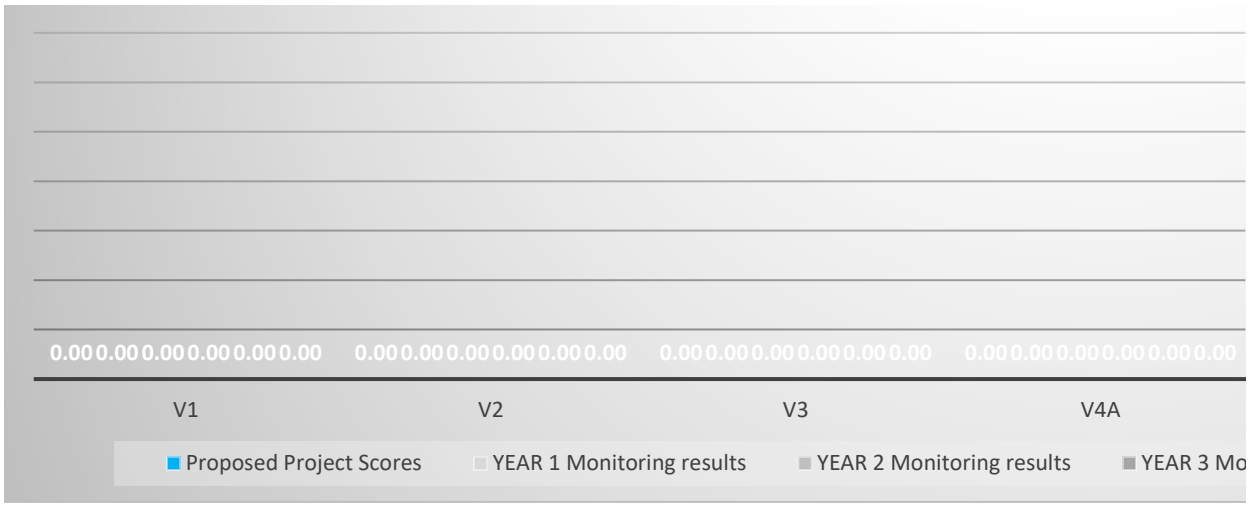
RR13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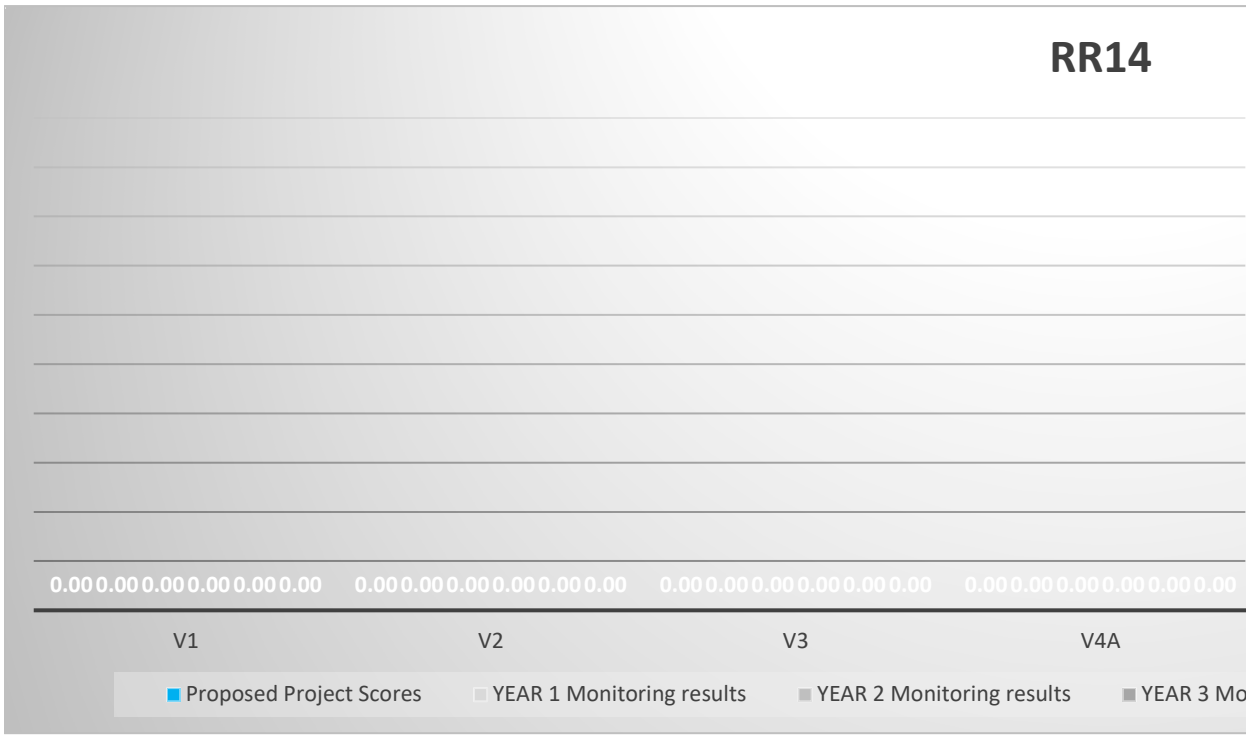
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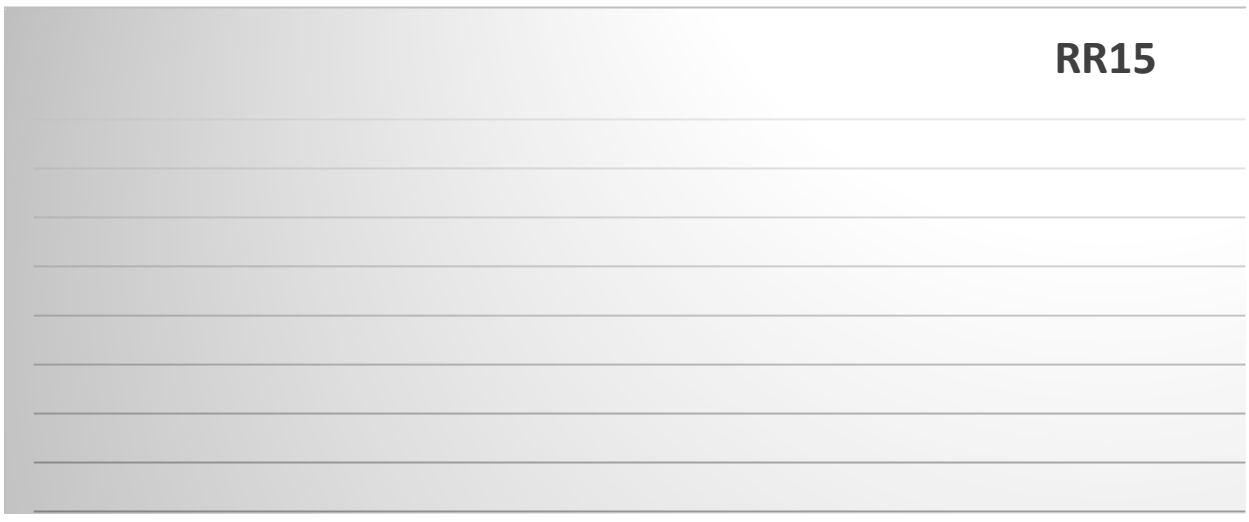
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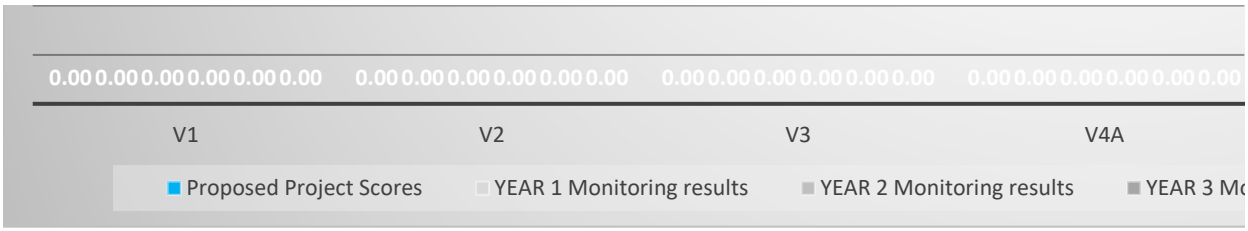
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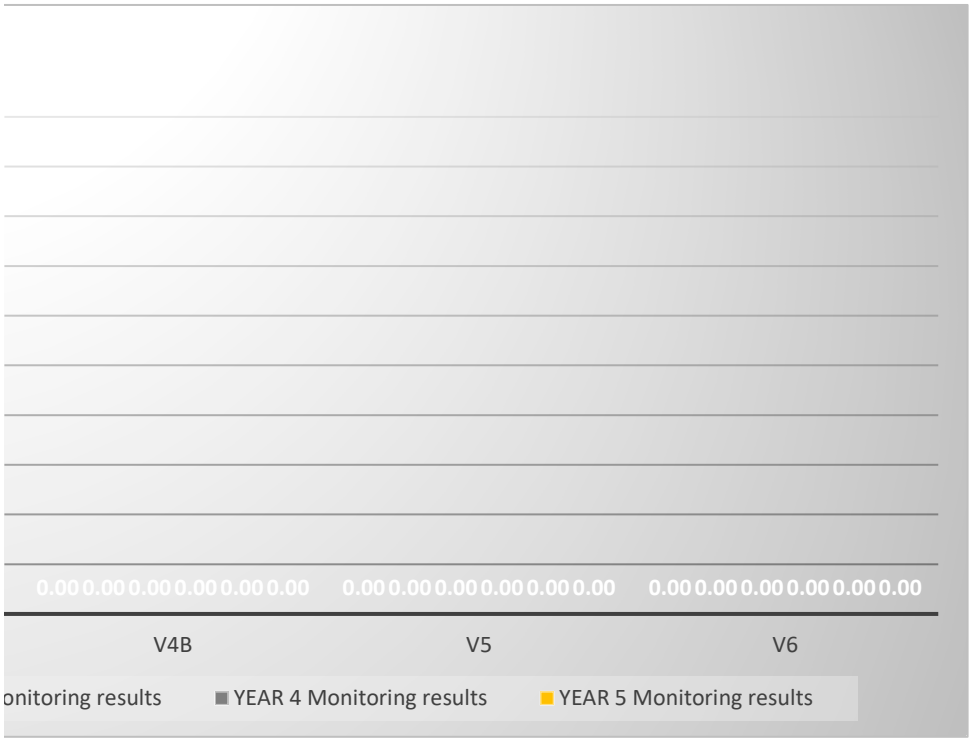
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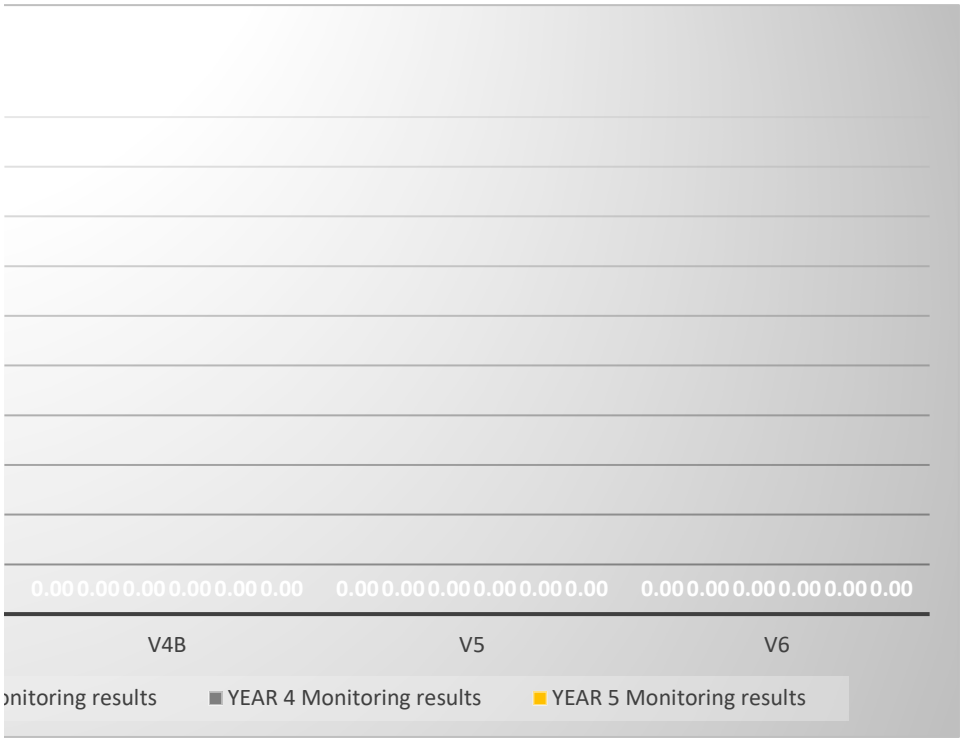
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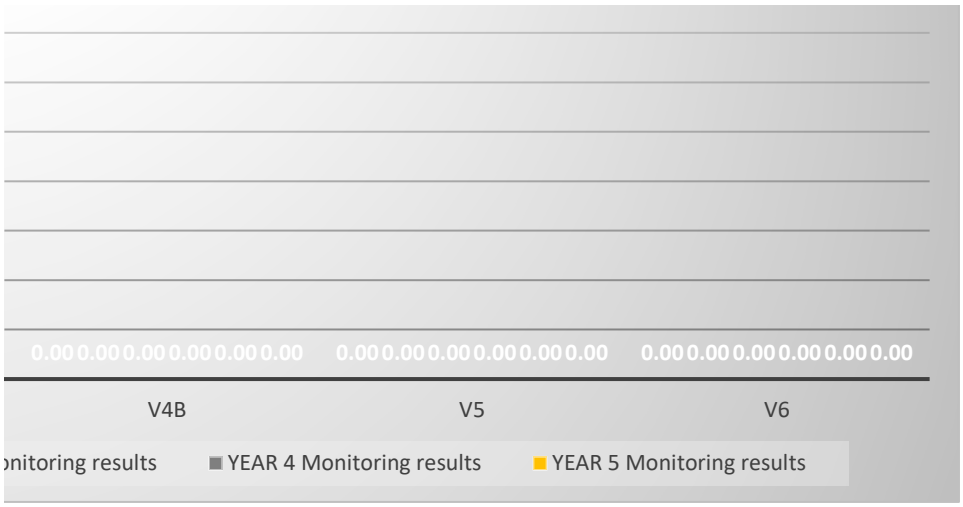
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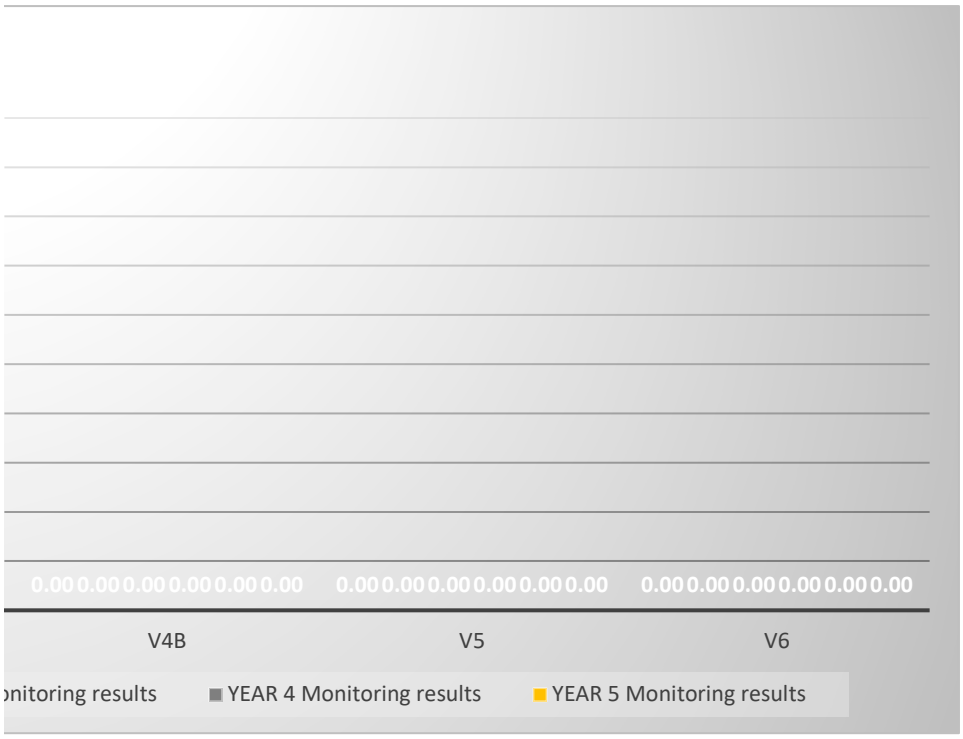
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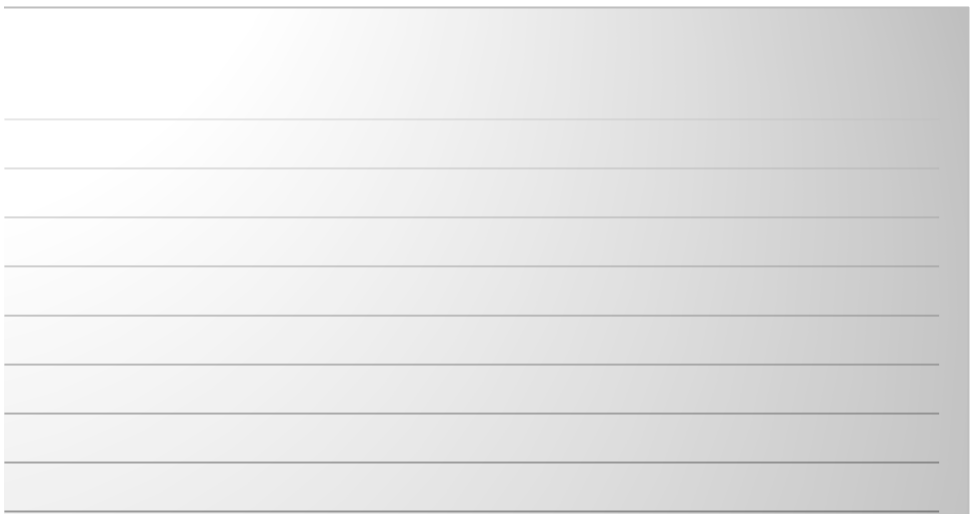

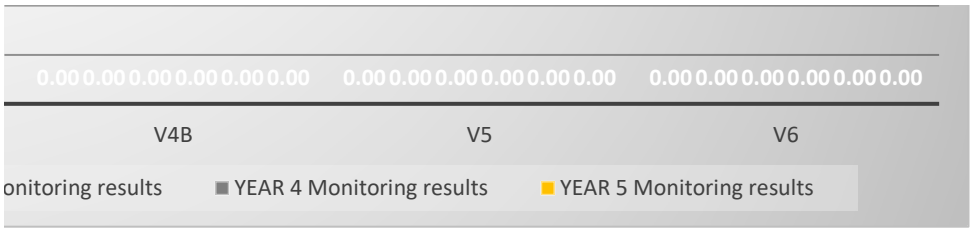
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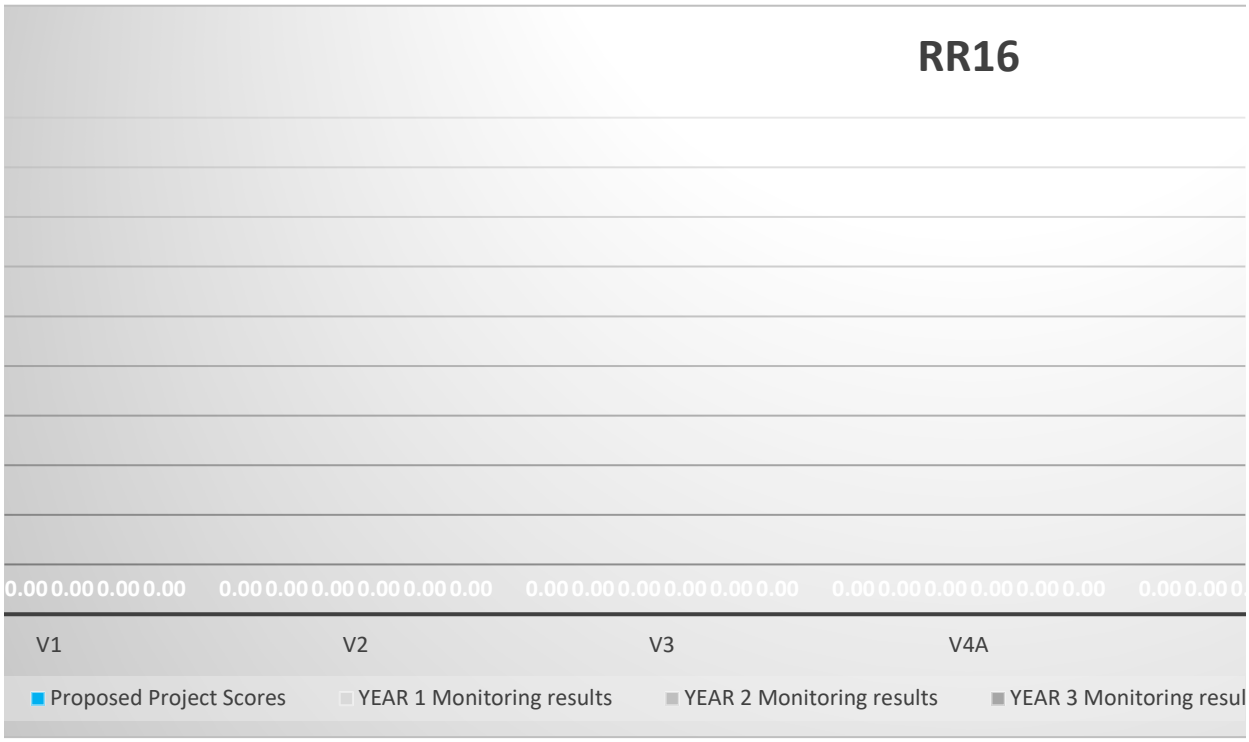
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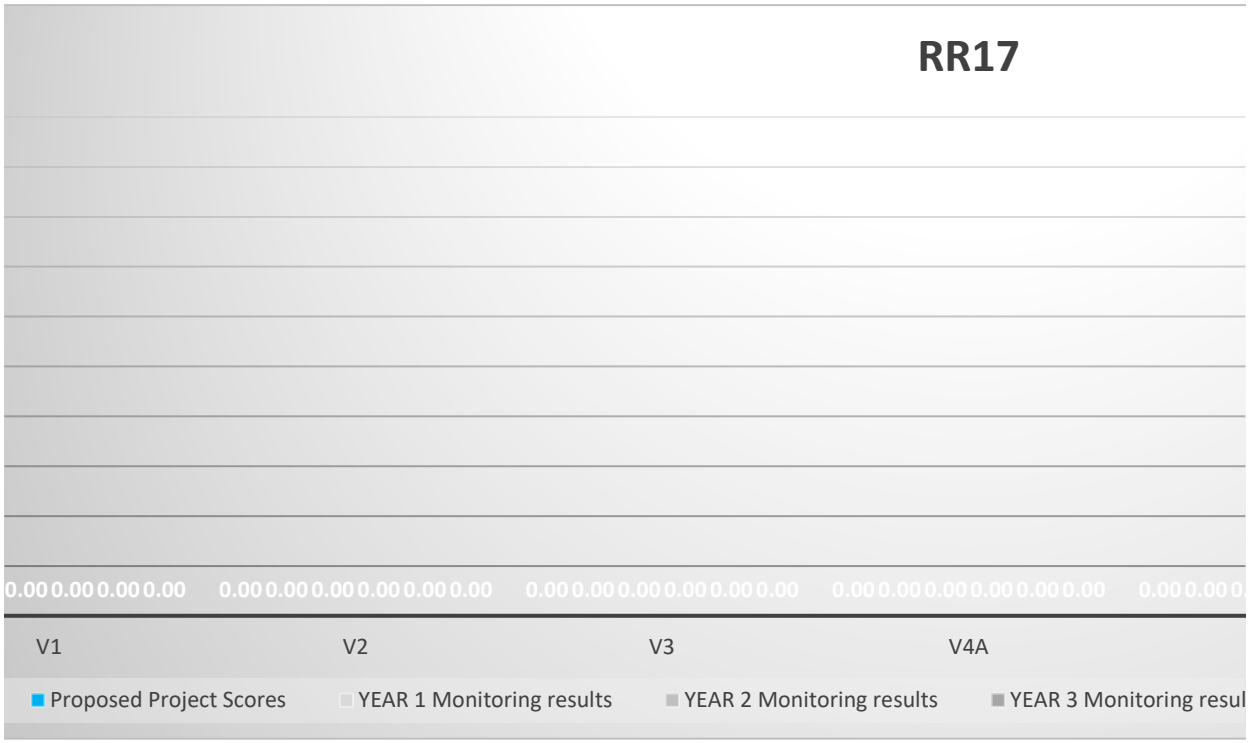
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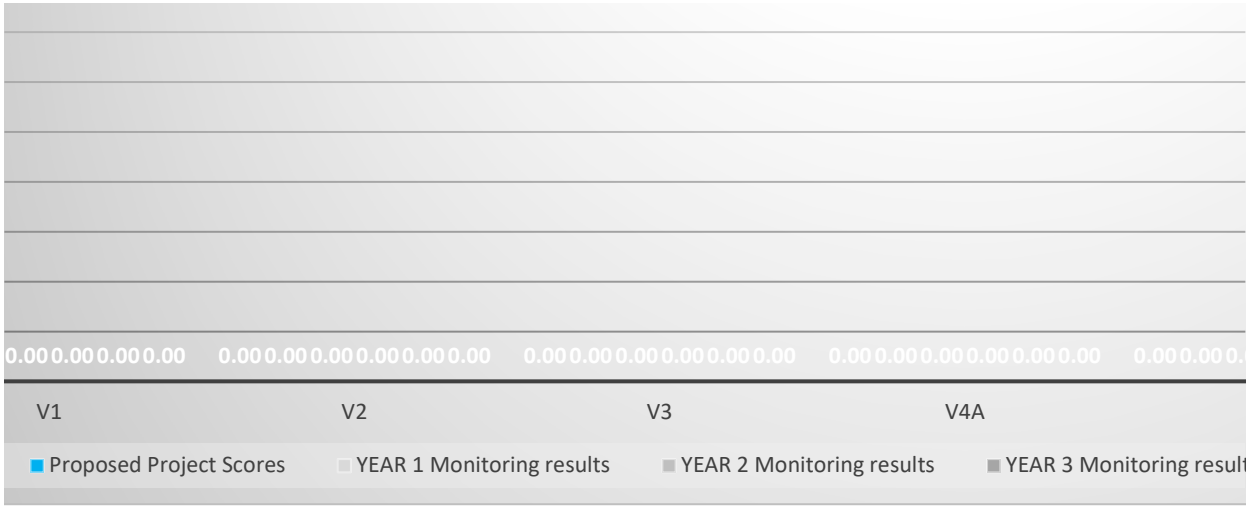
RR18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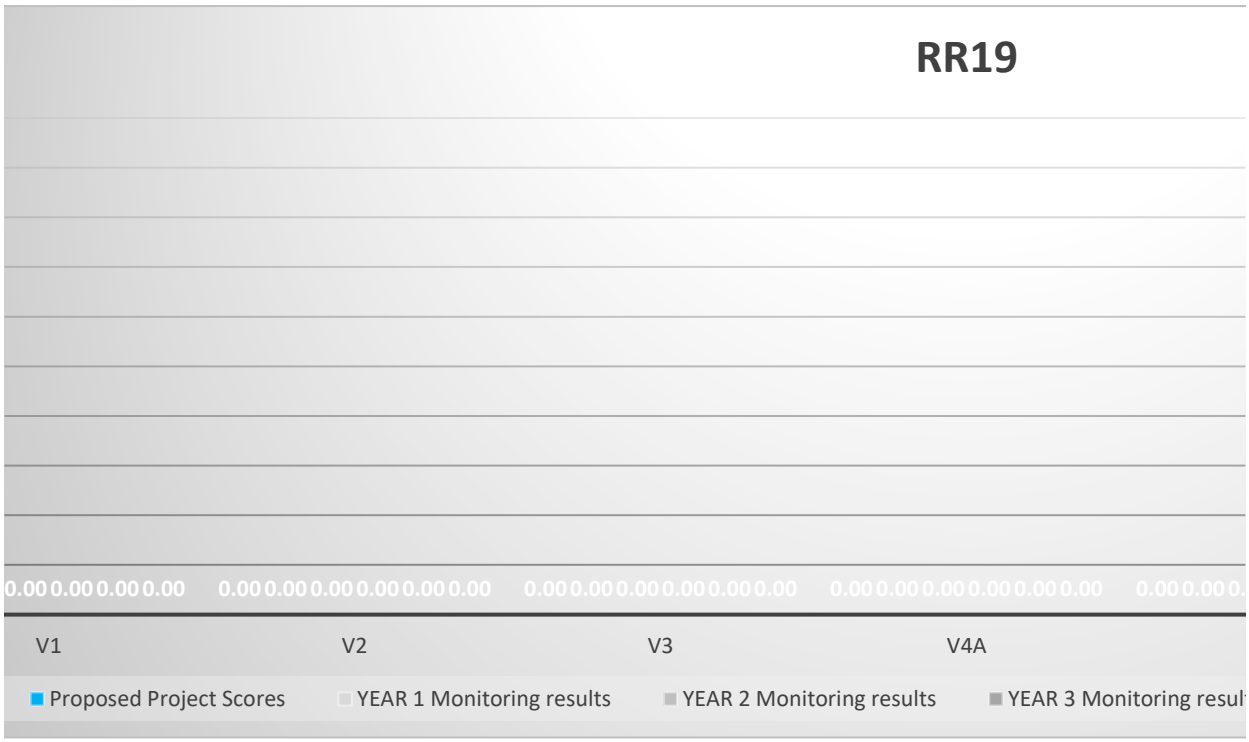
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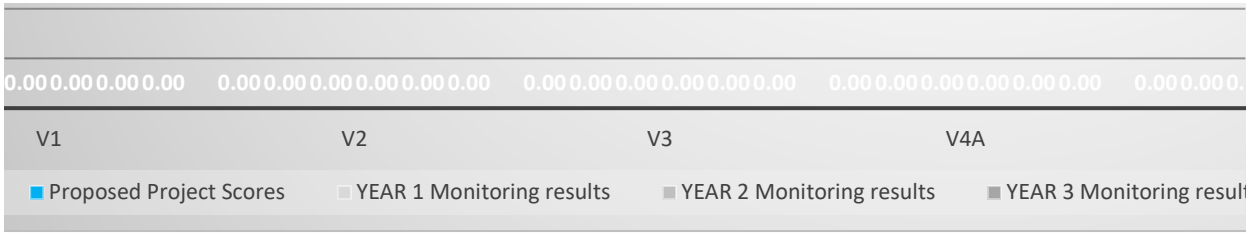
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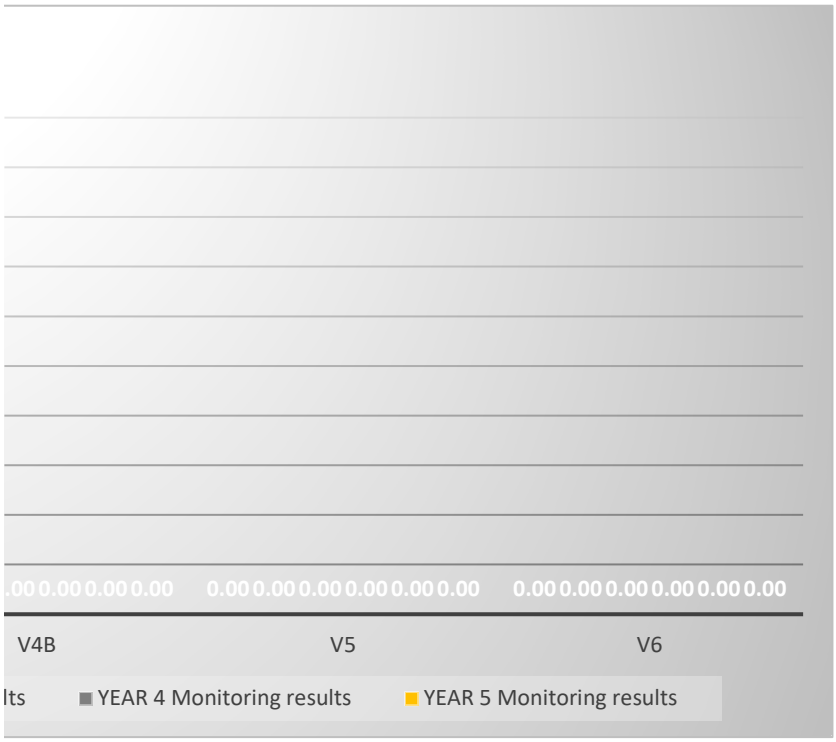
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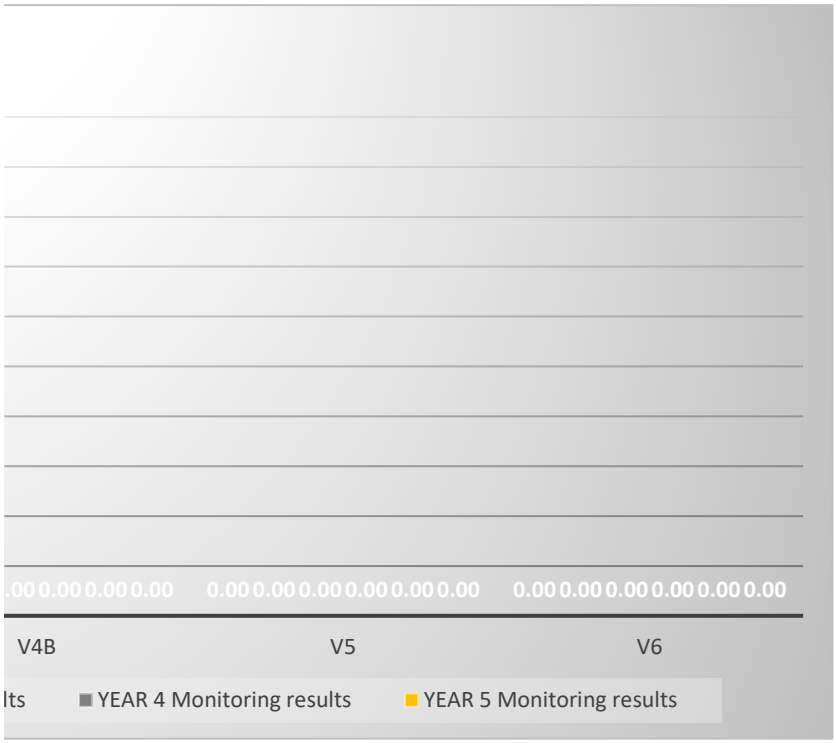
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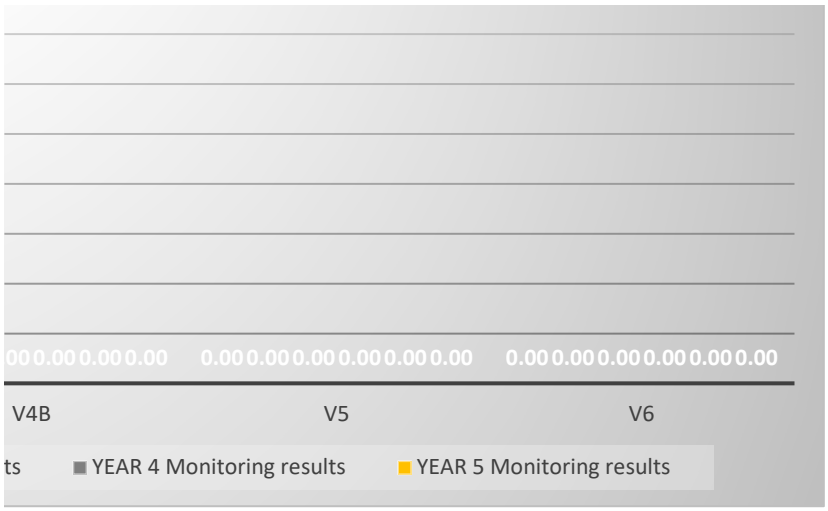
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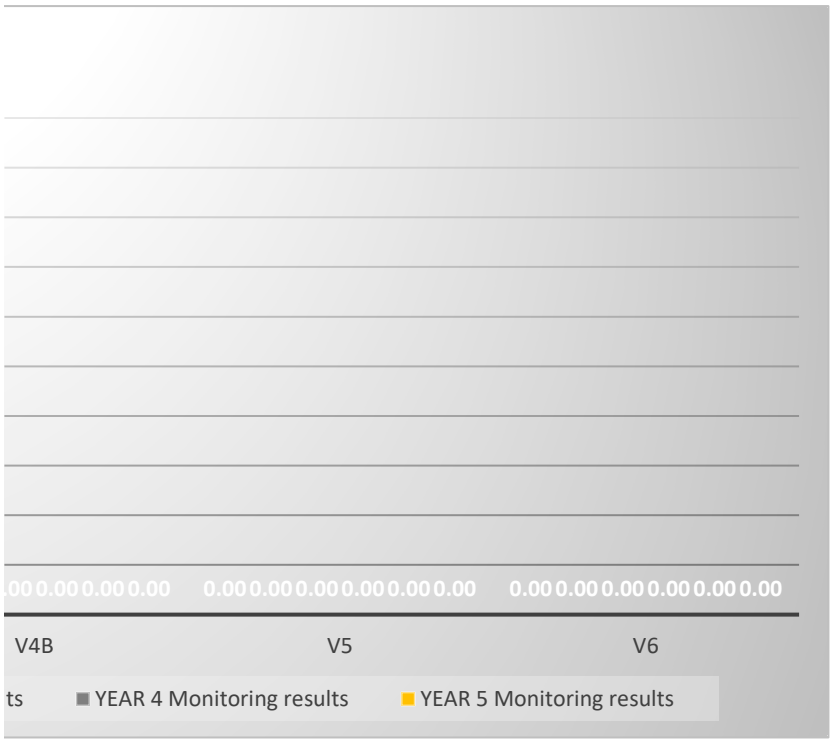
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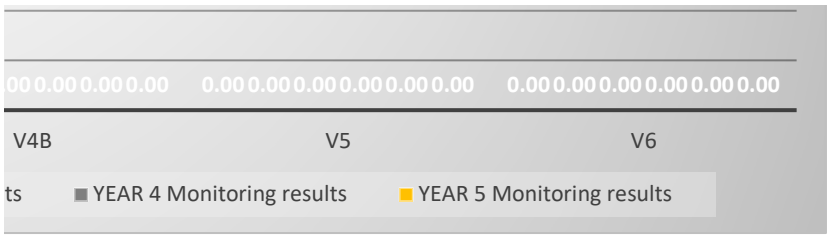
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