

Data Acquisition Standard Operating Procedures

Choctawhatchee Basin Alliance Living Shorelines Oyster Reef Monitoring (ID# 537)

Last Updated: 4/6/2024

Program Summary

Oyster reef ecology, water quality. Conducted at sites where artificial oyster reefs have been constructed to reduce shoreline erosion, increase habitat, filter pollution, and increase oyster populations.

URLs

- Program - <http://basinalliance.org/what-we-do/in-our-waterways/living-shorelines/>
- DDI - <https://data.florida-seacar.org/programs/details/537>

Contacts

Contact Name	Organization	Email	Phone
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Data Tables

- Data_537A_Final
- Data_537A_Load
- Data_537B_Final
- Data_537B_Load

Data Stored Procedures

- usp_combined_wq_wc_nut_insert_537A
- usp_combined_wq_wc_nut_insert_537B

Data Acquisition Standard Operating Procedures: ProgramID 537

Date Created: 03/21/2019

Created By: *Claude Kershaw*

Data File Paths:

1. Data: "\\forest.usf.edu\data\PDive\CAS-WI\Misc Projects\SEACAR_FDEP\Data\ID_0537_CBA_LivingShores\DataToLoad\Consolidated_Data.xlsx"

DDI URL: <http://dev.seacar.waterinstitute.usf.edu/datadiscovery/programs/details/537>

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Procedure Overview:

1. Use SQL Server Import Export Wizard to load worksheet "Nutrients" into table **Data_537A_Load**.
2. Use SQL Server Import Export Wizard to load worksheet "WQ" into table **Data_537B_Load**.
3. Execute procedures usp_Data_537*_Load_insert to load the data into tables
4. Add new Monitoring Locations from table **Data_537A_Load** into the **SampleLocation_Point** table.
5. Add new Monitoring Locations into the **SampleLocation** table. This will generate a LocationID for each Monitoring Location.
6. Update the **SampleLocation_Point** table with the LocationID generated in the **SampleLocation** table. Run procedure usp_SampleLocation_Point_update to do this.
7. Update the LocationID column in table **Data_537*_Final** with the LocationID in the **SampleLocation** table. Join on the [Lake] or [Waterbody] column in **Data_537*_Final** and the ProgramLocationID column in **SampleLocation**.

Data Tables

1. Data_537*_Load
2. Data_537*_Final

Data Stored Procedures

1. usp_Data_537*_Load_insert
2. usp_SampleLocation_Point_update

GIS Procedures

1. Complete steps 4 through 7 in the “Procedure Overview” section of this document.

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
```

```
CREATE PROC [dbo].[usp_combined_wq_wc_nut_insert_537A]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;
```

```
-- Constants - PLEASE SET NOW!!
```

```
DECLARE @dataLoadCode varchar(10) = '537A';
DECLARE @combinedTable varchar(50) = 'Combined_WQ_WC_NUT';
DECLARE @ParameterID int;
DECLARE @TotalRows int;
```

```
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```

```
-- Setup data load
```

```
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;
```

```
SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
```

```
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```

```
-- Insert data
```

```
SET @TotalRows = 0
Set @ParameterID = 11--Secchi
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, RELATIVE_DEPTH, Org_Result_Value,
VALUE_QUALIFIER, DateAdded)
```

```
SELECT @programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime), NULL,
NULL, NULL, dbo.[udf_convert_units]('ft', 'm', a.SECCHI_ft), NULL, GETDATE()
FROM Data_537A_Final a
Where a.SECCHI_ft is not null
and a.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @TotalRows = 0
Set @ParameterID = 15--TN
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, RELATIVE_DEPTH, Org_Result_Value,
VALUE_QUALIFIER, DateAdded)
```

```
SELECT @programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime), NULL,
NULL, NULL, dbo.[udf_convert_units]('ug/L', 'mg/L', a.TN_ugL), NULL, GETDATE()
FROM Data_537A_Final a
Where a.TN_ugL is not null
and a.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,
```

```
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @TotalRows = 0
```

```
Set @ParameterID = 19--TP
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,  
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, RELATIVE_DEPTH, Org_Result_Value,  
VALUE_QUALIFIER, DateAdded)
```

```
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime), NULL,  
NULL, NULL, dbo.[udf_convert_units]('ug/L', 'mg/L', a.TP_ugL), NULL, GETDATE()
```

```
FROM Data_537A_Final a
```

```
Wherea.TP_ugL is not null
```

```
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,  
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,  
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @TotalRows = 0
```

```
Set @ParameterID = 9--CHLA_unc
```

```
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```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,  
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, RELATIVE_DEPTH, Org_Result_Value,  
VALUE_QUALIFIER, DateAdded)
```

```
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime), NULL,  
NULL, NULL, a.CHL_ugL, NULL, GETDATE()
```

```
FROM Data_537A_Final a
```

```
Wherea.CHL_ugL is not null
```

```
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,  
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,  
@LastUpdateBy = @runBy
```

```
/*
```

```
SELECT *
```

```
FROM Combined_WQ_WC_NUT
```

```
SELECT *
```

```
FROM Data_537A_Final
```

```
SELECT *
```

```
FROM Combined_Parameters a
```

```
join Indicator b on a.IndicatorID = b.IndicatorID
```

```
where b.Habitat = 'Water Column'
```

```
and b.IndicatorName <> 'Nekton'
```

```
SELECT *
```

```
FROM DataStreamProcedure
```

```
WHERE ProgramID = 537
```

```
SELECT *
FROM Combined_Data_tracking
where programid = 537

exec usp_delete_combined 237, 'Combined_WQ_WC_NUT'
*/

END
```

```
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
```

```
CREATE PROC [dbo].[usp_combined_wq_wc_nut_insert_537B]
```

```
AS
```

```
BEGIN
```

```
SET NOCOUNT ON;
```

```
SET XACT_ABORT ON;
```

```
-- Constants - PLEASE SET NOW!!
```

```
DECLARE @dataLoadCode varchar(10) = '537B';
```

```
DECLARE @combinedTable varchar(50) = 'Combined_WQ_WC_NUT';
```

```
DECLARE @ParameterID int;
```

```
DECLARE @TotalRows int;
```

```
ÿ
```

```
-- Setup data load
```

```
DECLARE @runBy varchar(50) = SYSTEM_USER;
```

```
DECLARE @programID int, @dataStreamID int;
```

```
SELECT @dataStreamID = DataStreamID,
```

```
@programID = ProgramID
```

```
FROM DataStreamProcedure
```

```
WHERE DataLoadCode = @dataLoadCode;
```

```
ÿ
```

```
-- Insert data
```

```
SET @TotalRows = 0
```

```
Set @ParameterID = 3--Temp
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
```

```
SELECT @programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
```

```
a.depth_surface_ft, 'ft', a.depth_bottom_ft, 'ft', 'Surface', dbo.[udf_convert_units]('deg F', 'deg
```

```
C', a.temperature_surface_F), NULL, GETDATE()
```

```
FROM Data_537B_Final a
```

```
Where a.temperature_surface_F is not null
```

```
and a.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
```

```
SELECT @programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
```

```
a.depth_bottom_ft, 'ft', a.depth_bottom_ft, 'ft', 'Bottom', dbo.[udf_convert_units]('deg F', 'deg
```

```
C', a.temperature_bottom_F), NULL, GETDATE()
```

```
FROM Data_537B_Final a
```

```
Where a.temperature_bottom_F is not null
```

```
and a.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @TotalRows = 0
```

```
Set @ParameterID = 6--SP Cond
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('mS/cm', 'mS/cm', a.specifccond_mS_cm_surface), NULL, GETDATE()
FROM Data_537B_Final a
WhereNULLIF(a.specifccond_mS_cm_surface, '.') is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('mS/cm', 'mS/cm', a.specifccond_mS_cm_bottom), NULL, GETDATE()
FROM Data_537B_Final a
WhereNULLIF(a.specifccond_mS_cm_bottom, '.') is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @Total Rows,
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @Total Rows = 0
Set @ParameterID = 1--DO
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('mg/L', 'mg/L', a.dissolvedoxygen_surface_mg_L), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.dissolvedoxygen_surface_mg_L is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('mg/L', 'mg/L', a.dissolvedoxygen_bottom_mg_L), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.dissolvedoxygen_bottom_mg_L is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @Total Rows,
@LastUpdateBy = @runBy
```

```
-- Insert data
```

```
SET @Total Rows = 0
Set @ParameterID = 4--pH
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('', '', a.pH_surface), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.pH_surface is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('', '', a.pH_bottom), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.pH_bottom is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @Total Rows,
@LastUpdateBy = @runBy
```

ÿ

```
-- Insert data
```

```
SET @Total Rows = 0
Set @ParameterID = 2--Salinity
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('ppt', 'ppt', a.salinity_surface__ppt), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.salinity_surface__ppt is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('ppt', 'ppt', a.salinity_bottom__ppt), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.salinity_bottom__ppt is not null
anda.LocationID is not null
```

```
SET @Total Rows = @Total Rows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @Total Rows,
@LastUpdateBy = @runBy
```

```
-- Insert data
SET @TotalRows = 0
Set @ParameterID = 5--Do perc
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('%', '%', a.DO_perc__surface__percsat), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.DO_perc__surface__percsat is not null
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('%', '%', a.DO_perc_bottom__percsat), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.DO_perc_bottom__percsat is not null
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @TotalRows,
@LastUpdateBy = @runBy
```

```
-- Insert data
SET @TotalRows = 0
Set @ParameterID = 7--TURB NTU
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_surface__ft, 'ft', a.depth_bottom__ft, 'ft', 'Surface',
dbo.[udf_convert_units]('NTU', 'NTU', a.Turbidity_Surface__NTU), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.Turbidity_Surface__NTU is not null
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
INSERT INTO Combined_WQ_WC_NUT (ProgramID, DataStreamID, ParameterID, LocationID,
Activity_Start_Date_Time, ACTIVITY_DEPTH, Activity_Depth_Unit, Total_Depth, Total_Depth_Unit,
RELATIVE_DEPTH, Org_Result_Value, VALUE_QUALIFIER, DateAdded)
SELECT@programID, @dataStreamID, @ParameterID, a.LocationID, CAST(a.Date as datetime),
a.depth_bottom__ft, 'ft', a.depth_bottom__ft, 'ft', 'Bottom',
dbo.[udf_convert_units]('NTU', 'NTU', a.Turbidity_Bottom__NTU), NULL, GETDATE()
FROM Data_537B_Final a
Wherea.Turbidity_Bottom__NTU is not null
anda.LocationID is not null
```

```
SET @TotalRows = @TotalRows + @@ROWCOUNT
```

```
exec usp_combined_data_tracking_insert @parameterID = @ParameterID, @ProgramID = @programID,  
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @Total Rows,  
@LastUpdateBy = @runBy
```

```
/*  
SELECT *  
FROM Combined_WQ_WC_NUT
```

```
SELECT *  
FROM Data_537B_Final
```

```
SELECT *  
FROM Combined_Parameters a  
join Indicator b on a.IndicatorID = b.IndicatorID  
where b.Habitat = 'Water Column'  
and b.IndicatorName <> 'Nekton'
```

```
SELECT *  
FROM DataStreamProcedure  
WHERE ProgramID = 537
```

```
SELECT *  
FROM Combined_Data_tracking  
where programid = 537  
and datastreamID = 238
```

```
exec usp_delete_combined 238, 'Combined_WQ_WC_NUT'  
*/
```

```
END
```

```
GO
```