

Basic Import & Update

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General Tab

Lucy Import and Update

22 of 45 | Import

Setting: Sewer FOG Facility Inspections

Import Name: Sewer FOG Facility Inspections

Import Description:

General | Data Source | Mapping | Correlations | PreProcessing | PostProcessing | Processed

Destination Program: Environmental Compliance

Destination Module: Sewer FOG Facilities

Destination Component: Sewer FOG Facility Inspections

Output Directory: ...

Grouping Name:

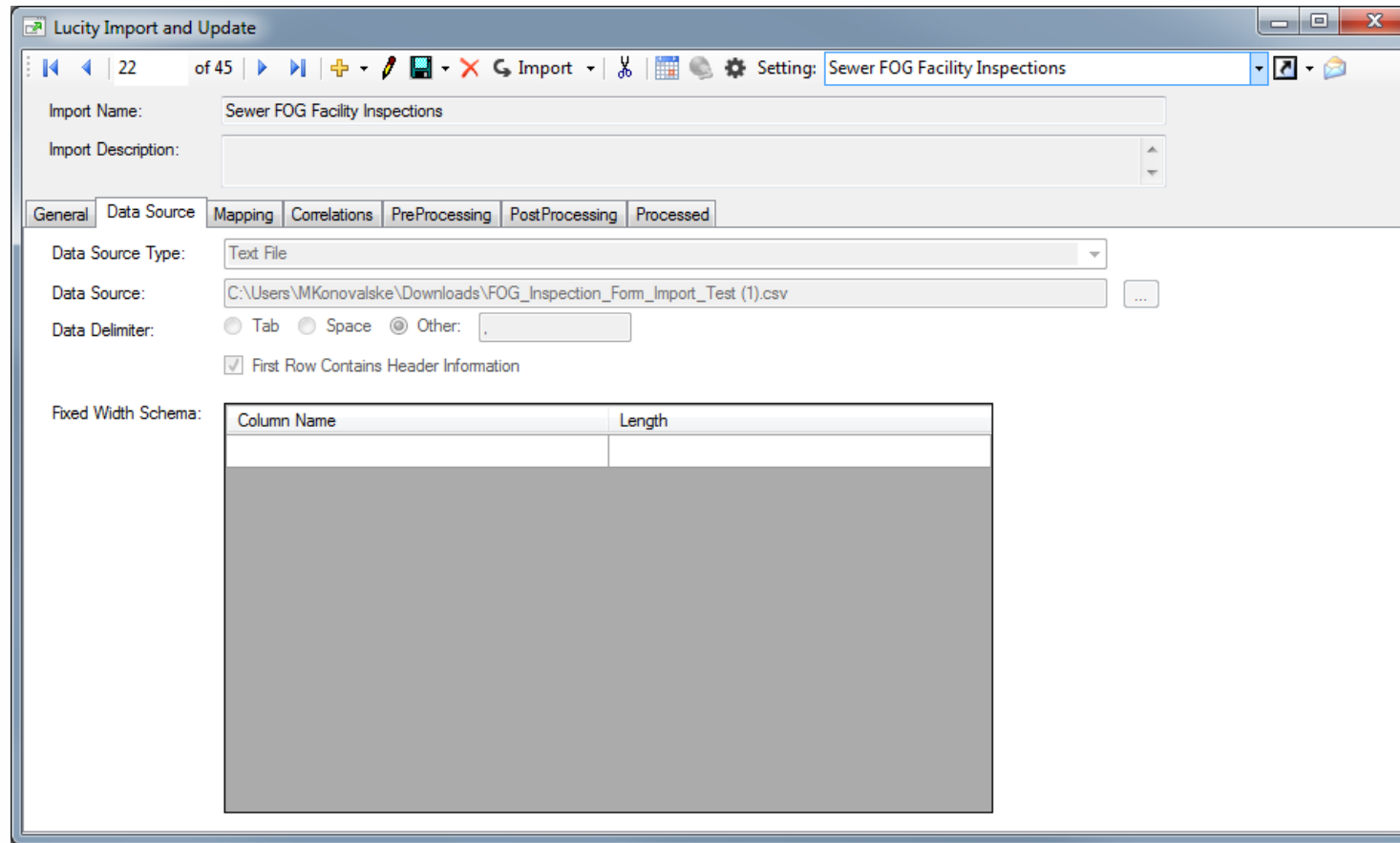
Grouping Order:

Email To:

Email Subject Line:

- Allow Adding New Records
- Allow Updating of Existing Records
- Import null/empty values
- Check for Duplicates
- Always Show Review Screen
- Export Bad Data
- Prompt for Data Source
- Send Email On Errors
- Always Send Email
- Track Processed Records
- Picklist Import

Data Source Tab



Data Source Connection

Lucy Import and Update Data Source

Connection Information

DBMS Type: SQL Server

Server Name: []

DSN: []

OLE: []

Login: []

Password: []

Database: []

Use Windows NT Integrated Security

Test

Ok Cancel

Mapping Tab

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Source: Destination: Test Formula: Test

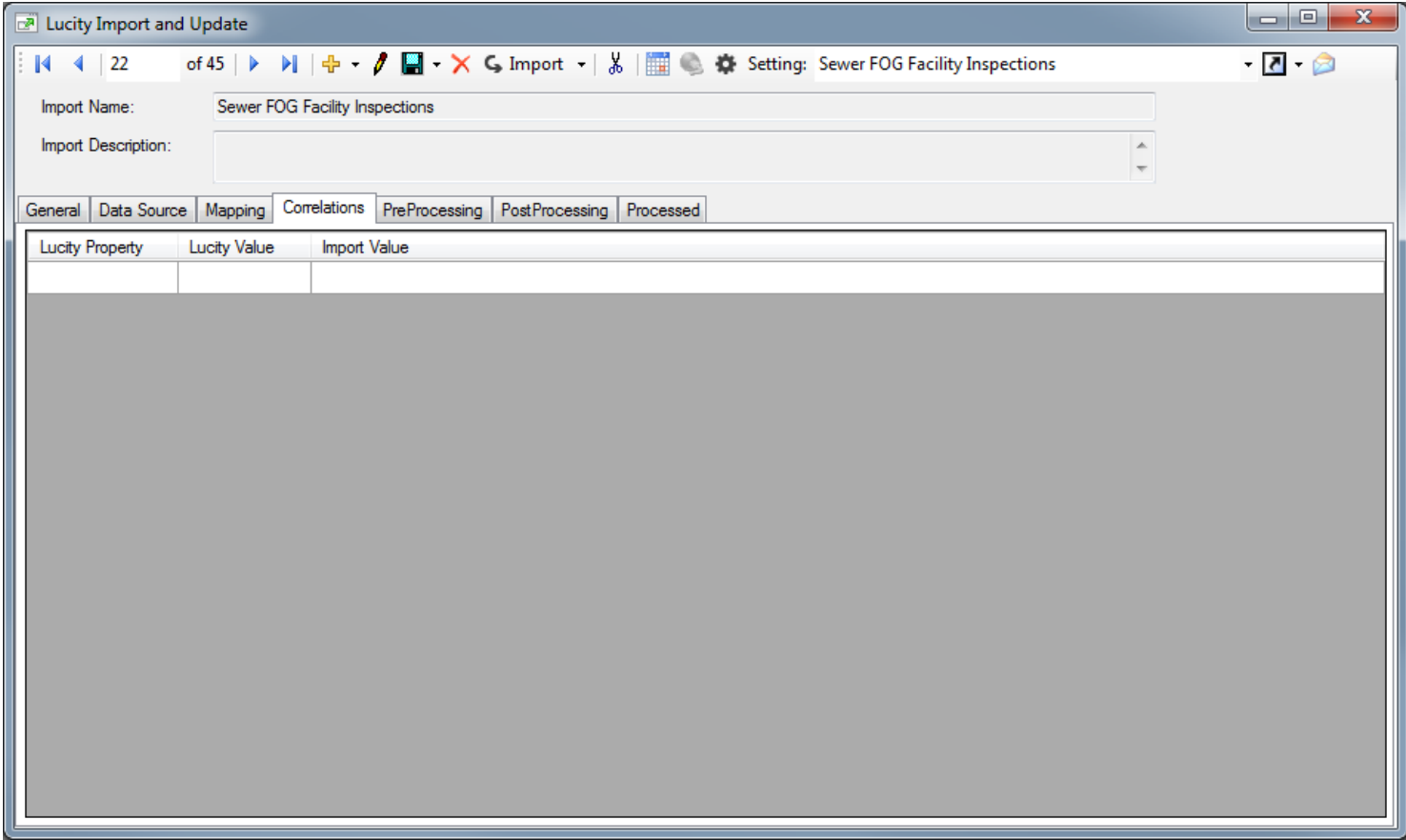
#	Field Name	Value (A)	Property	Table	Field(s)	Caption	Mask	Formula
1	Info_PermittedNum	00004	FacilityNumber	SWFOGFA	FA_NUMBER	Facility Number	30x	1824862
2	Info_Date	4/5/2018	InspectionDate	SWFOGFN	FN_INSP_DT	Inspection Date	mm/dd/yyyy	04/05/2018
3	Inspection Log #	2018-00001	InspectionTime	SWFOGFN	FN_INSP_TM	Inspection Time	hh:mm am	=A11
4	Field Temp UOM	1	AddToCommentGrid	SWGDMEMO	GM_MEMO	INVALID		
5	Sig_InspectorNa...	4	ContactPhone	SWFOGFN	FN_PHONE	Contact Phone	25x	
6	Field FOG UOM	1	DocumentDescription	SWDOC	DOC_DESC			
7	FOG1_Ph	6.1	DocumentIsAWebP...	SWDOC	DOC_WEB			
8	FOG1_Temp	29.8	DocumentPath	SWDOC	DOC_PATH			
9	FOG1_Inf	671	FacilityContact	SWFOGFN	FN_CONTACT	Facility Contact	50x	
10	Info_Findings	Need to have screens i...	GeneralComment	SWFOGFN	FN_MEMO1	Comment		=A10
11	Info_Time	1330	InspectionTypeCode	SWFOGFN	FN_TYPE_CD	Inspection Type	nnn	
			InspectionTypeType	SWFOGFN	FN_TYPE_TY	Inspection Type Text	100x	
			InspectorCode	SWFOGFN	FN_INSP_CD	Inspector	nnn	
			InspectorType	SWFOGFN	FN_INSP_TY	Inspector Text	100x	
			LongNote	SWFOGFN	FN_COMMENT1	Long Note		
			MaintenanceReques	SWFOGFN	FN_MAINTREQ	Maintenance Requested		

Required Determines Uniqueness

Formulas

Description	Formula	Resolves To	Final Value
Map Source Data to Lucy	=A2	5	5
Insert a value into a Lucy Field	"2" or "1/1/2015" or "Bill"	2 or 1/1/2015 or Bill	2 or 1/1/2015 or Bill
Add values together	+A1 + A2	10.97 + 5	15.97
Concatenate values	+A2 - A3'	'5 - Concrete'	5 - Concrete
Extracting a value from the left of a string	+LEFT('A4', 3)	LEFT('PLK000078FD', 3)	PLK
Extracting multiple values from a string and reformatting them together (dates)	+SUBSTRING('A5', 5, 2) + '/' + SUBSTRING('A5', 7, 2) + '/' + LEFT('A5', 4)	SUBSTRING('20071023115523', 5, 2) + '/' + SUBSTRING('20071023115523', 7, 2) + '/' + LEFT('20071023115523', 4)	10/23/2007
Extracting part of a string and converting to a different format	+CAST(SUBSTRING('A4', 4, 6) AS INT)	CAST(SUBSTRING(' PLK000078FD', 4, 6) AS INT)	78
Setting a value based on another value	+CASE WHEN 'A3' = 'Concrete' THEN '1' ELSE '2' END	CASE WHEN 'Concrete' = 'Concrete' THEN '1' ELSE '2' END	1
Insert the Current Date	+GETDATE()	GETDATE()	12/7/2015 10:48:50 AM
Set value based on the results of a lookup	+SELECT CT_ID FROM WKCAT WHERE CT_NAME = 'A6'	SELECT CT_ID FROM WKCAT WHERE CT_NAME = 'Sewer Department'	89

Correlations Tab



Example #1 Contractor Data From csv to Lucity

- In this example a contractor created data in an excel document and then needs to push it into Lucity
- Adding new records only
- One time import
- In the example we are using a csv file, but we could import from multiple text formats as well as databases.

Example #2 WO Asset Record to Inventory

- Hydrant information on a work order asset record needs to be pushed to the Hydrant record
- Updating existing records, not adding anything
- Inspections are happening continuously so the import will need to be run on a schedule every 2 hours
- We can use our own Lucity databases as the source data in order to push data from one area of Lucity into another automatically.