

INSTRUCTInstructions specific to software vendors handling of data

Date	Instructions
5/28/2010	Initial release with no special instructions

Version_Number

Version	Date
1.0	5/28/2010

Description
Initial Release

ST_Inspections					
Each record in this table represents a compliant STCP pipeline inspection					
Field Name	Data Type	Field Size	Required	Valid Entries	Description/Instructions
InspectionID	AutoNumber	Long Integer			This field is automatically populated when any inspection information is entered. The number generated must be entered in the InspectionID field of the Conditions table for all conditions recorded during the inspection
Surveyed_By	Text	25	y		Name of individual conducting survey
Certificate_Number	Text	15	y		NASSCO PACP # of Surveyor
Owner	Text	30			Owner of collection system surveyed
Customer	Text	30			Entity commissioning the survey
Drainage_Area	Text	15			Common name of drainage area
Sheet_Number	Number	Long Integer			Number used to identify individual surveys done within a group
PO_Number	Text	15			Customer's Purchase Order Number
Date	Date/Time	N/A	y	YYYYMMDD	Inspection Date
Time	Date/Time	N/A		Military Time format	Time of inspection
Street	Text	64	y		Street Number and Name
City	Text	64	y		City name where sewer located
Blower_Manhole_Number	Text	25	y		Client provided designation for manhole where Smoke Blower is located for this inspection
TestSegmentUpstreamManhole_Number	Text	25	y		Client provided designation for manhole
TestSegmentDownstreamManhole_Number	Text	25	y		Client provided designation for manhole
TestSegment_Length	Number	Single		9999.9	Length of Test Section
TestSegment_Smoke_Quality	Text	List-Defined	y	See STCP Manual	Used to express the general quality of smoke for this test segment.
IsImperial	True/False		y		Default=Imperial=True, False=Metric
CurrentWeather_Code	Number	List-Defined			STCP Code 1 thru 7
DateofLast_Rainfall	Date/Time	N/A		YYYYMMDD	Date of Last Known Rainfall
GPS_Accuracy	Text	List-Defined		See STCP Manual	GPS Survey Accuracy
Number_of_Defects	Number	Long Integer			Total number of defects found in this test segment
* The smaller number is the minimum number of characters required for data entry. The larger number is the maximum number of characters allowed for data entry AND the number of characters required in the exported database					

ST_Conditions Table

Each record in this table represents a PACP-coded pipeline defect or observation

Field Name	Data Type	Field Size	Required	Valid Entries	Description/Instructions
ConditionID	AutoNumber	Long Integer	y		This field is automatically populated when any condition information is entered.
InspectionID	Number	Long Integer	y		Software provided designation for this inspection (THIS FIELD USED TO JOIN TABLES)
Smoke_Quality	Text	List_Defined	y	See STCP Manual	Used to express the quality of smoke at the defect
Defect_Number	Number	Integer	y	0 to 999	Used to identify each defect on test section
Defect_Location	Text	List-Defined	y	See STCP Manual	Used to identify defect location on test section
Defect_Type	Text	List-Defined	y	See STCP Manual	Used to identify where smoke is exiting
Inflow_Potential	Text	List-Defined	y	See STCP Manual	Used to gauge potential for inflow
DefectSurface_Cover	Text	List-Defined	y	See STCP Manual	Surface cover where smoke is exiting
DefectSurface_Material_Paved	True/False		y	See STCP Manual	Used to identify if defect is in paved or unpaved area True=Paved False=Unpaved
DistancefromUpstream_Manhole	Number	Single		9999.9	Distance from Upstream Manhole
Distance_Left	Number	Single		9999.9	Distance Left from Upstream Manhole
Distance_Right	Number	Single		9999.9	Distance Right from Upstream Manhole
Defect_Address	Text	64	y		Street Number and Name
GPS_Lat	Number	Double			GPS Latatude (South Latatude is negative)
GPS_Lon	Number	Double			GPS Longitude (West Longitude is negative)
Sketch_Page	Number	Integer			Page number of sketch for Defect_Number
Remarks	Text	255			Additional info to describe defect/coding
Counter	Number	Long Integer		999999	Time into the video of the identified condition, in seconds
VCR_Time	Text	6			Time into the video of the identified condition in HHMMSS format with 0 used as space holder.

ST_Custom_Fields Table					
Field Name	Data Type	Field Size	Required	Valid Entries	Description/Instructions
CustomID	Auto Number	Long Integer	Y		This field is automatically populated for each custom field.
InspectionID	Number	Long Integer	y		Software provided designation for this inspection (THIS FIELD USED TO JOIN TABLES)
Custom_Field_one	Text	255			
Custom_Field_two	Text	255			
Custom_Field_three	Text	255			
Custom_Field_four	Text	255			
Custom_Field_five	Text	255			
Custom_Field_six	Text	255			
Custom_Field_seven	Text	255			
Custom_Field_eight	Text	255			
Custom_Field_nine	Text	255			
Custom_Field_ten	Text	255			
Indicates New Fields					

ST_Custom_Labels			V1.0
Field_Name	Data_Type	Field_Size	Required
Field_Name	Text	18	Y
Label	Text	255	
Description	Text	255	
*** Only Ten records in this table			
Sample Table			
Field_Name	Label	Description	
Custom_Field_one			
Custom_Field_two			
Custom_Field_three			
Custom_Field_four			
Custom_Field_five			
Custom_Field_six			
Custom_Field_seven			
Custom_Field_eight			
Custom_Field_nine			
Custom_Field_ten			
Indicates New Fields			

ST Inspections Media

Field Name	Data Type	Field Size	Required	Entries
MediaCondID	AutoNumber	Long Integer	Y	
InspectionID	AutoNumber	Long Integer	y	
Image_Reference	Text	255		
Image_Path	Text	255		
Video_File	Text	255		
Video_file_Path	Text	255		

Description/Instructions
This field is automatically populated when any media (picture or movie file) is saved.
Software provided designation for this inspection (THIS FIELD USED TO JOIN TABLES)
If digital snapshots are taken, the name or number of the image file.
Path to digital image reference file
For digital recordings, name of the video file associated with this condition relative to the data file
For digital recordings, path of the video file associated with this condition relative to the data file

ST Conditions Media					
Field Name	Data Type	Field Size	Required	Valid Entries	Description/Instructions
MediaCondID	AutoNumber	Long Integer	Y		This field is automatically populated when any media (picture or movie file) is saved.
ConditionID	AutoNumber	Long Integer	y		Software provided designation for this inspection (THIS FIELD USED TO JOIN TABLES)
Image_Reference	Text	255			If digital snapshots are taken, the name or number of the image file.
Image_Path	Text	255			Path to digital image reference file
Video_File	Text	255			For digital recordings, name of the video file associated with this condition relative to the data file
Video_file_Path	Text	255			For digital recordings, path of the video file associated with this condition relative to the data file
Sketch_File	Text	255			Name of digital Sketch
Sketch_File_Path	Text	255			Path to digital Sketch
Indicates New Fields					
Indicates Moved Field					

Weather Conditions	Description			Defect Type	Description	
1	Dry			MHS	Manhole Structure	
2	Heavy Rain			MFC	Manhole Frame/Cover	
3	Light Rain			HOL	Sinkhole, Hole, Fissure	
4	Snow			LKM	Multiple Leaks	
5	Saturated			EXP	Exposed Pipe	
6	Damp			BCO	Broken Cleanout	
7	Very Dry			MCC	Missing/Broken Cleanout Cap	
				ABS	Abandoned Service Lateral	
				MLB	Abandoned Mainline Sewer	
				SSD	Storm Sewer Direct Connection	
Smoke Quality	Description			SSC	Storm Sewer Curb Inlet Connection	
SQG	Good			SSI	Storm Sewer Indirect Connection	
SQF	Fair			PUB	Plumbing Under Building	
SQN	No Smoke			PIB	Plumbing In Building	
SQS	Surcharged			DR	Roof Leader/Drain	
SQR	Resident Refused Access			DY	Yard or Area Drain	
SQZ	Other, See comments			DBS	Basement Drain/Sump	
				DFS	Foundation Drain/Sump	
				AM	Water Valve/Meter Box	
				ZZZ	Other, See comments	
				Inflow Potential	Description	
Accuracy of GPS	Description			IX	None Likely	
L	Survey Level			IN	None	
M	Sub-Meter			IL	Light	
N	Nearest Meter			IM	Moderate	
				IS	Severe	
				Defect Surface Cover	Description	
				ST	Street	
				AL	Alley	
				YD	Yard	
Defect Location	Description			FD	Field	
AMH	Manhole			TW	Trees/Woods	
AWW	Wet Well			DW	Driveway	
ACOM	Cleanout Mainline			GU	Gutter	
ACOP	Cleanout Property Line			SH	Road Shoulder	
ACOH	Cleanout House			SW	Sidewalk	
MML	Municipal Mainline			DD	Drainage Ditch	
MSL	Municipal Service Lateral			PL	Parking Lot	
PSL	Private Service Lateral			PP	Pool or Patio	
				WB	Within Building	
				UB	Under Building	
				ZZZ	Other, See comments	