

Detention Facility Maintenance - Snohomish County Comments

From: Barbeau, Kent

Sent: Wednesday, July 22, 2009 11:33 AM

To: 'John Carpita '

Cc: Washington, Nat; Kerwin, Karen

Subject: Maintenance Inspection Forms for Retention/Detention Ponds

Snohomish County is working on developing an interim drainage facility inspection and data storage solution in the permitting database used by the county's planning and development services department. The permitting database is called Amanda and is developed and marketed by CSDC Systems out of Canada. There is limited ability to customize the interface. Attached is the spreadsheet that I have been using to configure the CSDC Amanda product for storing our drainage facility inspection data. There are numerous tabs that only have relevance in the Amanda environment. The tab you are probably most interested in is the CHECKLIST tab. This tab lists a component and under that component it has all the checklist items. Each checklist item is answered with a YES (meaning everything is okay) or a NO (meaning some sort of maintenance needs to happen). This is an Amanda convention. It is my understanding the DOE manual uses the opposite convention. The concept is that for each facility a list of the components is entered based on how water would flow through them. There may be multiple flow paths within a facility. Once each components is entered, a facility specific checklist can be printed for the inspector to take into the field. Please feel free to contact me with any questions you may have.

I'm normally in the office from 8:30 to 5:30.

Regards,

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This spreadsheet is set up to support the storage of drainage facility inspection data in the CSDC Systems , property, people and inspection (folder) records. Each of these three types of records are separate. People inspection folders. Amanda has limited customization abilities. Default fields are used where confusion with normal methods used within the Amanda interface for other permit types. All components and drop-downs deemed necessary for near term use by Snohomish County.

Facility location information will be stored in the property record. Some additional static facility-wide info in Amanda will be used to represent a collection of actions for a facility during an inspection cycle. Once an inspection folder status will be closed. A child of the first inspection record will be created for the next scheduled inspection.

Contents

Explanation	Overall explanation of document purpose and Amanda setup.
Folder Status	Valid folder status pick list. This is the overall status of the folder.
Folder Sub Type	Valid folder sub type pick list. This is the major category type.
Folder Work Type	Valid folder work type pick list. This is the reason for the inspection.
Amanda Property Info	Entry data for custom property information. These are the property record. Includes both the info entry line and valid info tab entries. Flow components are stored on the property record.
Amanda Valid Info	Valid facility components for Snohomish County. This page lists the valid info components.
Amanda Valid Info Pick List	Valid facility components for Snohomish County. This page lists the valid info components.
Amanda Process Lines	Valid process lines. This contains the valid Amanda process lines.
Process Status	Amanda Valid Info lines to allow the process lines to be added to the valid process status for each process line. Contains the pick list for process status.
Process Attempt Results	Valid values for the inspection and communication process lines.
Amanda Valid Process Info	Process line info items. Component specific items requiring process line info.
Amanda Valid Process Checklist	List of all the unique checklist items for drainage facilities.
Checklist	Visual arrangement of valid process checklist items for each facility.
Valid Process Group	Amanda entry are on right. Group headings for process lines.

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Amanda permitting database. For drainage facilities, Amanda has
e or property records are generally associated with multiple
ll not be created. Data flow for drainage facilities conforms to the
n menu choices (pick lists) contain the minimum information

rmation will be stored in the property record also. Each folder in
nspection and all follow up actions are concluded on a facility the
pection to create a linked inspection history for each facility.

etup

e inspection folder.

he inspection belongs to.

nspection.

e custom fields added that are not part of the default Amanda
d pick list values.

e info tab by flow path. This is the full list of info tab lines that can

e contains the component pick lists for the info tab lines contained

ss line names. These have a one to one correspondence with the
dded programmatically based on the valid info lines.

ck list for the process status for the valid process lines.

ss attempts. Pick list values for attempts (actions taken) for each

ng more than yes/no data capture on each inspection.

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ch component. Checklist defaults for each component used in