## USER'S GUIDE TO BMP INPSECTIONS IN FACS

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION – CONSTRUCTION E-CONSTRUCTION



User's Guide to BMP Inspection in FACS

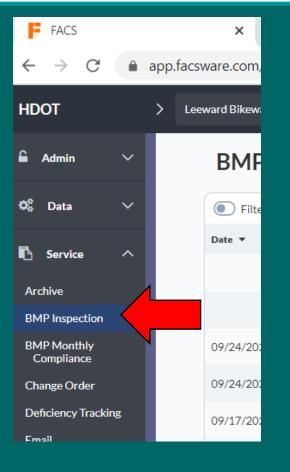
Due to the requirement of getting the signatures for the BMP Inspection report, the following process shall be followed:

- I. A BMP Inspection shall be created through FACS
- 2. A PDF of the BMP Inspection report shall be created
- 3. Signature(s) shall be obtained via HDOTs e-sign software
- 4. The e-signed BMP Inspection report shall be sent to the Contractor via e-mail





To create a BMP Inspection report in FACS, click on BMP Inspection under Services





User's Guide to BMP Inspection in FACS

### The BMP Inspection Log Grid appears

HDOT	> Test Project		✓ Sea	rch Q		Keith
🔓 Admin 🗸 🗸	BMP	Inspection				
¢¦\$ Data ∨	Filte	r				:
🖪 Service 🔨	Date 💌	~ Inspector	✓ Corrective Actions Tak Status	~ BIC ~ Created	<ul> <li>✓ Modified</li> </ul>	~
Archive		Keith Yamamoto	Draft	06/06/2018	06/27/2018	Â
BMP Inspection		Andrew Babcock	Draft	07/24/2019	07/24/2019	
BMP Monthly Compliance		Facs rep	Draft	10/22/2019	10/22/2019	
Change Order		Jason Kuraoka	Draft	01/03/2020	01/03/2020	
Deficiency Tracking		Jason Kuraoka	Draft	01/07/2020	01/07/2020	
Email Feedback		Justinn Acosta	Draft	05/13/2020	05/13/2020	
FileCabinet		Alan Sevellino	Draft	09/04/2020	09/04/2020	
Liquidated Damages		Facs rep	Draft	09/08/2020	09/08/2020	
Materials On Hand		Facs rep	Draft	09/08/2020	09/08/2020	
Material Tracking Pay Estimate		Greg Varni	Draft	09/08/2020	09/08/2020	
RFI		0.08 10111	bioit	07,00,2020	07/00/2020	
Sample Card Concrete Grout						-
Sample Card Field Test				I of 3 > ► 10 Y rows per page	je	1 - 10 of 27 items
Submittal Work Percent				• New		



User's Guide to BMP Inspection in FACS

# Click on the New <u>butt</u>on

HDOT > 1	Test Project		Q		Keith
🔓 Admin 🗸 🗸	<b>BMP</b> Inspection				
¢¢ Data ✓	Filter				:
🖪 Service 🔨	Date 💌 🗸 Inspector	Corrective Actions Tak.x Status	~ BIC ~ Created	~ Modified	~
Archive	Keith Yamamoto	Draft	06/06/2018	06/27/2018	Â
BMP Inspection	Andrew Babcock	Draft	07/24/2019	07/24/2019	
BMP Monthly Compliance	Facs rep	Draft	10/22/2019	10/22/2019	
Change Order	Jason Kuraoka	Draft	01/03/2020	01/03/2020	
Deficiency Tracking	Jason Kuraoka	Draft	01/07/2020	01/07/2020	
Email Feedback	Justinn Acosta	Draft	05/13/2020	05/13/2020	
FileCabinet	Alan Sevellino	Draft	09/04/2020	09/04/2020	
Liquidated Damages	Facs rep	Draft	09/08/2020	09/08/2020	
Materials On Hand Material Tracking	Facs rep	Draft	09/08/2020	09/08/2020	
Pay Estimate	Greg Varni	Draft	09/08/2020	09/08/2020	
RFI					
Sample Card Concrete Grout			K < 1 of 3 > N Owsper page		▼ 1. 10 = € 07 iburra
Sample Card Field Test					1 - 10 of 27 items
Submittal Work Poport					



User's Guide to BMP Inspection in FACS

The BMP Inspection service has 6 sections:

- I. Information
- 2. BMP Measures and Devices Currently Installed on the Project
- 3. BMP Deficiencies and Corrective Action Taken

	>	Test Project		Q		Keith N
~ ~		BMP Inspection      Print     Last edit made 15 seconds ago. All changes saved			Notify Recipients DRAFT	• « »
^		Expand all sections     INFORMATION				
		<ul> <li>BMP MEASURES AND DEVICES CURRENTLY INSTA</li> <li>BMP DEFICIENCIES FOUND AND CORRECTIVE ACCURATION</li> </ul>				
νg		✓ ADDRESS				
jes d		CONTRACTOR ACTIONS     COMMENTS				
		✓ REFERENCES				

- 4. Contractor Actions
- 5. Comments
- 6. Reference



User's Guide to BMP Inspection in FACS

HDOT

🔒 Admin

🔅 Data

Service

**BMP** Inspectio

BMP Monthly Compliance Change Order

Deficiency Track

Liquidated Dama Materials On Ha

Material Trackin; Pay Estimate

Email Feedback FileCabinet

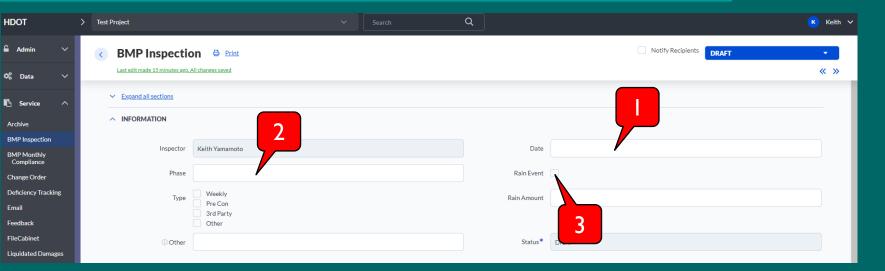
#### Information:

Under information section, enter

- I. The Inspection Date (use the popup calendar or use the MM/DD/YYYY format
- 2. Phase of Construction
- 3. And select the checkbox if the BMP Inspection is for a Rain Event

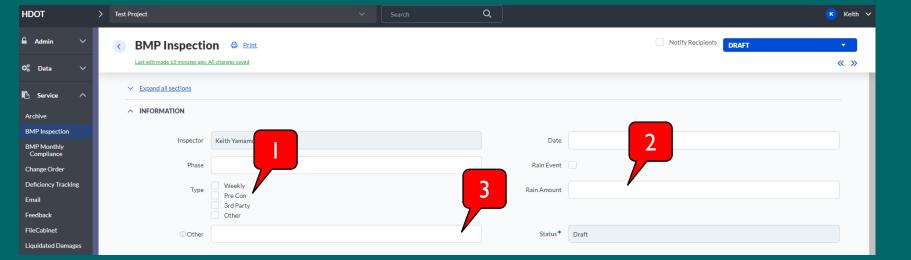


User's Guide to BMP Inspection in FACS



### Information:

- Under information, enter
- I. Select the Type of inspection
- 2. The Rain Amount
- 3. A reason for selecting Other from the Type checkboxes





BMP Measures and Devices Currently Installed on the Project:

Under this section,

List all BMP measures and devices installed on the project

Click on the New button to begin entering data

2	> [	Test P	Project			Q					К
~ ~		<	BMP Inspectio					Notify Recipients	DRAFT		• «
^			<ul> <li>INFORMATION</li> </ul>								
		/	MP MEASURES AND D	EVICES CURRENTLY INSTALLED	ON THE PROJECT						
			Filter							* *	
			Location × Activity	* Type of BMP Measure/Device	* Notes	~ Action					
g es										Ŧ	
						• New					
rete			Remarks							•	
Test			③ Pollution Discharged ?				Discharge left project site?				
			③ Pollution Contained ?								



HDOT

Admin

🔅 Data

Service

BMP Inspection BMP Monthly Compliance

Change Order Deficiency Tracki

Email Feedback

FileCabinet Liquidated Dama Materials On Ha

Material Trackin Pay Estimate

Sample Card Con Grout Sample Card Field Submittal Work Report WSWD

BMP Measures and Devices Currently Installed on the Project:

When the BMP Inspection Measures input window appears, enter

- I. The BMP Activity (pulldown list of activities)
- 2. The Type of BMP Measure/Device (pulldown menu of devices)
- 3. Any Notes on the BMPs installed



BMP Inspection Measur	
BMP MEASURES	2
Activity	
Type of BMP	3
Measure/Device	
Notes	
C C C C C C C C C C C C C C C C C C C	
Action	
Location	
Filter	1
Location	X.
West	í
STa. 1+00	
Site 8 OB Sta. 44+00	
Sample Box "A" Sta 1+68	.31 o/s 72.66' Rt. +/-
	• New
2	
	CLOSE

## BMP Measures and Devices Currently Installed on the Project:

### Additionally enter

- I. If any action is required (checkbox)
- 2. Location from the existing list or add a new location

BMP Inspection Measure	es	×
BMP MEASURES		
Activity		
Type of BMP	·	
Measure/Device		
Notes		10
Action		
Filter		
Location		
West		
STa. 1+00		
Site 8 OB Sta. 44+00		
Sample Box "A" Sta 1+68.	.31 o/s 72.66 Rt. +/-	•
	( New	
	CLOSE	



BMP Measures and Devices Currently Installed on the Project:

To create a new location, click on the New button

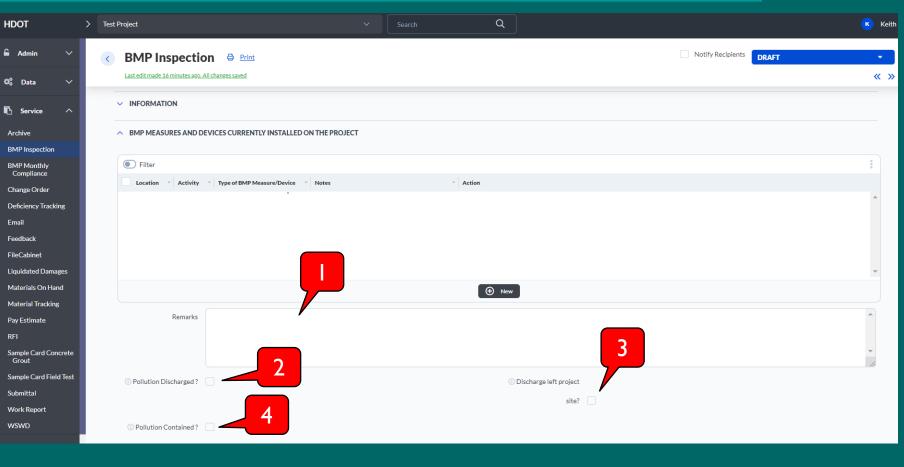
Enter a new unique location and click on the Save button

Location	
Filter	:
Location	*
West	
STa. 1+00	
Site 8 OB Sta. 44+00	
Sample Box "A" Sta 1+68.31 o/s 72.66" Rt. +/-	· · · · · · · · · · · · · · · · · · ·
	• New
	CLOSE
Location	×
Location* Unique*	CLOSE SAVE



**BMP** Measures and Devices Currently Installed on the Project:

- Enter any remarks Ι. regarding BMP issues
- 2. Indicate if there was Pollution Discharge
- Indicate if the Discharge 3. left the project site
- 4. Indicate if the Pollution was contained





User's Guide to BMP Inspection in FACS

REI

A BMP MEASURES AND DEVICES CURRENTLY INSTALLED ON THE PROJECT

BMP Measures and Devices Currently Installed on the Project:

To edit an existing BMP Measure and Device entry, select the entry (highlighted light blue) and click on the Open button. Edit the entry as needed

• Filter				* *
Cocation	~ Activity	Y Type of BMP Measure/Device	~ Notes	~ Action
✓ Waikele Bridge East	Perimeter Control and Sediment Barriers	Biosock		*
	• New	Open Delete		-



A BMP MEASURES AND DEVICES CURRENTLY INSTALLED ON THE PROJECT

BMP Measures and Devices Currently Installed on the Project:

To delete an existing BMP Measure and Device entry, select the entry (highlighted light blue) and click on the Delete button

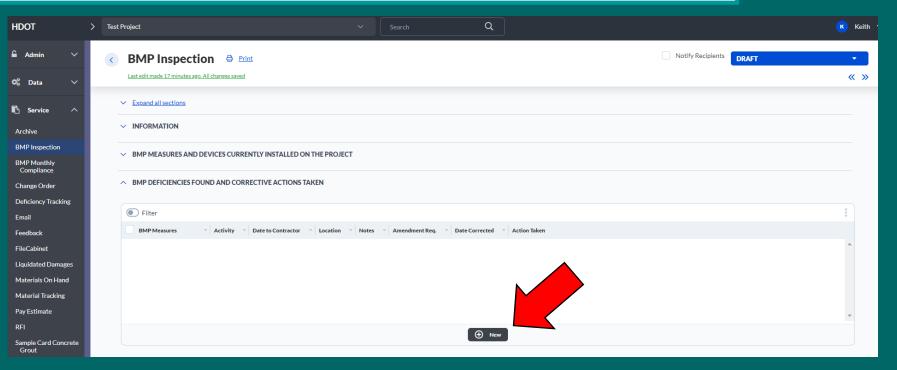
Filter				:
<b>Cocation</b>	~ Activity	V Type of BMP Measure/Device	~ Notes	~ Action
✓ Waikele Bridge East	Perimeter Control and Sediment Barriers	Biosock		A
	• New	Open The Delete		



BMP Deficiencies and Corrective Action Taken:

Under this section list any BMP deficiencies and corrective action taken

# Click on the New button to begin entering data





BMP Deficiencies and Corrective Action Taken:

The BMP Deficiencies Found and Corrective Actions Taken input window appears

Select a BMP Measure (highlighted light blue) and click on the Select Button

BMP DEFICIENCIES FOUND	AND CORRECTION ACTIONS TAKEN				
BMP Measures					
Filter					1
Location	_ Activity	_ Type of BMP Measure/Device	. Notes	Action	~
Site 8 OB Sta. 44+00	Base yard/Staging Areas	Biosock			-
					*
	· · · · · ·	Select			
Date to Contractor					
Amendment Req.					
Date Corrected					
Notes					
Action Taken					
					11
		CLOSE			

The list of BMP Measures under deficiencies is from the list of BMP Measures



**RMP** Deficiencies

discussed in Slides 9 - 13

**BMP** Deficiencies

# BMP Deficiencies and Corrective Action Taken:

- I. Enter the date when the Contractor was notified of the deficiency
- 2. Indicate if an Amendment is required (checkbox)
- 3. Enter the date the deficiency was corrected

BMP DEFICIENCIES FOUND	AND CORRECTION ACTIONS TAKEN				
BMP Measures					
Filter					1
Location	~ Activity	<ul> <li>Type of BMP Measure/Device</li> </ul>	~ Notes	~ Action	~
					*
Date to Contractor	2				
Amendment Req.					
Date Corrected					
Notes	3				
Action Taken					li
		CLOSE			



## BMP Deficiencies and Corrective Action Taken:

- I. Enter any notes on the deficiency
- 2. Enter the action taken by the Contractor to address the deficiency

Click on the Save button to save all entries

Click on the Close button to exit without saving

BMP Deficiencies		×
BMP DEFICIENCIES FOUND	D AND CORRECTION ACTIONS TAKEN	
Filter		
Location	<ul> <li>Activity</li> <li>Type of BMP Measure/Device</li> <li>Notes</li> <li>Action</li> </ul>	
		*
		-
Date to Contractor		
Amendment Req.		
Date Corrected		
Notes	2	
Action Taken		
Action taken		
	CLOSE	



∧ BMP DEFICIENCIES	FOUND AND CORRECTIVE ACTIONS T	AKEN						
Filter								:
BMP Measures	~ Activity	<ul> <li>Date to Contractor</li> </ul>	<ul> <li>Location</li> </ul>	<ul> <li>Notes</li> </ul>	<ul> <li>Amendment Req.</li> </ul>	<ul> <li>Date Corrected</li> </ul>	<ul> <li>Action Taken</li> </ul>	×
Biosock	Base yard/Staging Areas	10/01/2020	Site 8 OB Sta. 44+00	Torn BioSock				<b>^</b>
								~
				🕀 New 🖲 Open	Delete			

BMP Deficiencies and Corrective Action Taken:

To edit an existing BMP Deficiencies and Corrective Action Taken entry, select the entry (highlighted light blue) and click on the Open button. Edit the entry as needed



∧ BMP DEFICIENCIES F	OUND AND CORRECTIVE ACTIONS T	AKEN						
Filter								:
BMP Measures	~ Activity	<ul> <li>Date to Contractor</li> </ul>	<ul> <li>Location</li> </ul>	<ul> <li>Notes</li> </ul>	<ul> <li>Amendment Req.</li> </ul>	<ul> <li>Date Corrected</li> </ul>	<ul> <li>Action Taken</li> </ul>	×
Biosock	Base yard/Staging Areas	10/01/2020	Site 8 OB Sta. 44+00	Torn BioSock				-
								•
				🕑 New 🗵 Open	Delete			

BMP Deficiencies and Corrective Action Taken:

To delete an existing BMP Deficiencies and Corrective Action Taken entry, select the entry (highlighted light blue) and click on the Delete button.



User's Guide to BMP Inspection in FACS

Contractor Actions: Under this section, the Contractor's corrective action or inaction is noted

HDOT		> Tes	ast Project $\checkmark$	Q		Keith N
Admin	~	<	BMP Inspection 🖨 Print		Notify Recipients DRAFT	•
🕫 Data	~	_	Last edit made 18 minutes apo. All changes saved			« »
Service	^		Expand all sections			
Archive						
BMP Inspection			✓ BMP MEASURES AND DEVICES CURRENTLY INSTALLED ON THE PROJECT			
BMP Monthly Compliance			✓ BMP DEFICIENCIES FOUND AND CORRECTIVE ACTIONS TAKEN			
Change Order Deficiency Tracki	ng		BIMP DEFICIENCIES FOUND AND CORRECTIVE ACTIONS TAREN			
Email			✓ ADDRESS			
Feedback			∧ CONTRACTOR ACTIONS			
FileCabinet	700					
Materials On Har			Corrective Actions Taken			<b>A</b>
Material Tracking						-
Pay Estimate						<b>▼</b>
						li



#### Comments:

Under this section, text conversation are displayed.

Type in comments and click on the Submit button.

Checking the Notify Recipients button will send an e-mail notification to the people on the address list.

>	Test	Project		Q			Keitl
~	<	BMP Inspection 🖨 Print			Notify Recipients	DRAFT	• « »
ce ^		V Expand all sections     V INFORMATION					
ection thly nce		✓ BMP MEASURES AND DEVICES CURRENTLY INSTALLED ON THE PROJECT					
rder y Tracking		BMP DEFICIENCIES FOUND AND CORRECTIVE ACTIONS TAKEN     ADDRESS					
et		✓ CONTRACTOR ACTIONS					
d Damages On Hand īracking		∧ COMMENTS Comments					
ate		Add your comment				Netify Decision	
ard Concrete ard Field Test						Notify Recipients	SUBMIT



HDOT

🔓 Adı

🔅 Dat

Se Se

Archive

BMP In BMP M

Comp

Deficie Email

Feedbao FileCab

Liquida Materia

Materi

Pay Est RFI

Sample Grout



Reference: Under this section, attach any documents that supports the BMP Inspection. Pictures, PDFs, spreadsheets can be attached as supporting documents.

оот	>	Test Project		~	Search	Q				Keith
Admin 🗸 🗸		< BMP Inspec	tion 🖨 Print					Notify Recipients	DRAFT	•
Data 🗸 🗸		Last edit made 20 minutes	ago. All changes saved							« »
Service ^		✓ BMP DEFICIENCIES	FOUND AND CORRECTIVE ACTIONS TAKEN							
rchive MP Inspection		✓ ADDRESS								
MP Monthly Compliance		✓ CONTRACTOR ACTI	IONS							
nange Order eficiency Tracking										
nail eedback		∧ REFERENCES								
leCabinet quidated Damages aterials On Hand aterial Tracking ay Estimate =1 mple Card Concrete						rop your files he				
Grout Imple Card Field Test Ibmittal					(	• New • View				
fork Report		() Photograp	bhs			(i) Othe	er Attachments			



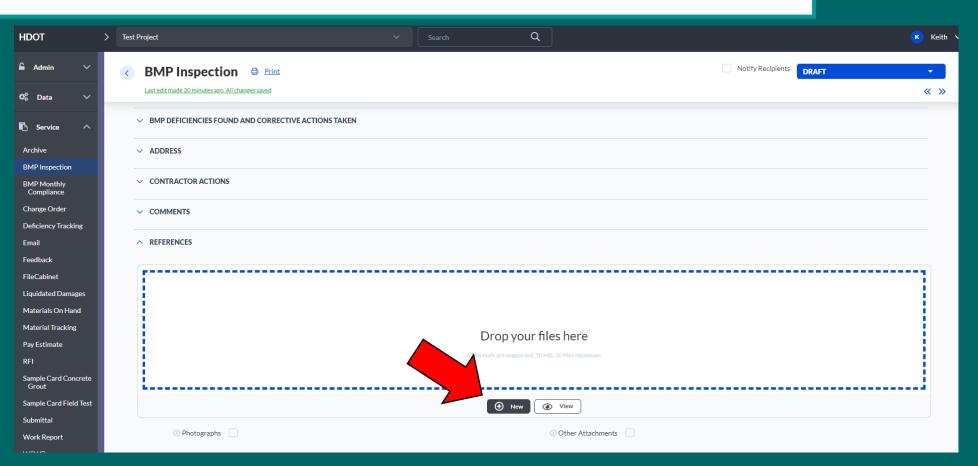
Reference: Supporting documents can be dragged and dropped into the Reference section outlined by the blue dashed line.

HDOT	>	Test	Project ~ Search Q		Keith
🔒 Admin	~	<	BMP Inspection 🖨 Print	Notify Recipients	DRAFT -
¢₿ Data	~		Last edit made 20 minutes ago. All changes saved		« »
Service	^		✓ BMP DEFICIENCIES FOUND AND CORRECTIVE ACTIONS TAKEN		
Archive			V ADDRESS		
BMP Inspection BMP Monthly Compliance			✓ CONTRACTOR ACTIONS		
Change Order			✓ COMMENTS		
Deficiency Tracking Email	5		A REFERENCES A drag and drop files here		
Feedback FileCabinet					
Liquidated Damages					
Materials On Hand Material Tracking					
Pay Estimate			Drop your files here		
RFI			All formats are supported. 50 MB, 20 files maximum.		
Sample Card Concre Grout	ete		<u>i</u>		i
Sample Card Field T	lest 🛛		• New View		
Submittal Work Report			③ Photographs ③ Other Attachments ⑤		



User's Guide to BMP Inspection in FACS

Reference: Supporting documents can also be selected from the FACS File Cabinet. To grab files from the File Cabinet, click on the New button.





User's Guide to BMP Inspection in FACS

Reference: For the attached file or files, you can enter

- I. A Description for the file
- 2. The Bid Item that the file represents
- 3. And the name of the Contractor associated with the attached file

File Reference	x	
ATTACHMENT		
Description		
Date	09/29/2020	
Bid Item		
Contractor		
	CLOSE SAVE	

Click on the Save button to save the entry. Click the Close button to exit without saving



Reference: Another way of attaching supporting documents is to Click on the Browse button

File Reference					
ATTACHMENT					
BROWSE					
Des					
Dat	20				
Bid Item	· .	•			
Contractor		*			



Reference: The File Cabinet window appears

#### Select a file or files and click the

- The Insert button to attach the files for the BMP Inspection and close the File Cabinet window
- 2. The insert+ button to attach the files for the BMP Inspection and remain in the File Cabinet window to continue to get more files

The Close button closes the File Cabinet window without saving anything



File Cabinet				×
&  III III				Q
🕞 Test Project				
🗅 6.7.1 - created from Mo				
<b>6.7.2</b>	6.7.1 - created from Mobile	6.7.2	31March2020	
🗅 31March2020				
🗅 05312018 HDOT TestPro				
🗅 05312018 HDOTTestPro	05312018 HDOT	05312018	April 2020	
🗅 April 2020	TestProject	HDOTTestProject.	<b>~</b>	
🗀 BMP reports				
🗅 Correspondence	BMP reports	Correspondence	duplicate files	
🗅 duplicate files	_	_	_	
🗅 Image Folder				
<				
Test Project			Items e: 5.	33 MB
	IN	ISERT	ERT+ CLOS	SE

Reference: For the attached file or files, you can enter

- I. A Description for the file
- 2. The Bid Item that the file represents
- 3. And the name of the Contractor associated with the attached file

File Reference	×
ATTACHMENT	
Description	2
Date	09/29/2020
Bid Item	
Contractor	
	CLOSE SAVE

Click on the Save button to save the entry. Click the Close button to exit without saving



To view or edit an existing BMP Inspection, select an entry (highlighted light blue) and click on the Open button

## Edit the entry as needed

HDOT	> Test	t Project					٩				Keith Keith
Admin 🗸		BMP Insp	ection								
🞗 Data 🗸		Filter									:
🖒 Service 🔨		Date 🔻	~ Inspector	<ul> <li>Corrective Actions Tak</li> </ul>	Status	~ BIC ~	Created		~ Modified		
Archive			Keith Yamamoto		Draft		06/06/2018		06/27/2018		•
BMP Inspection			Andrew Babcock		Draft		07/24/2019		07/24/2019		
BMP Monthly Compliance			Facs rep		Draft		10/22/2019		10/22/2019		
Change Order			Jason Kuraoka		Draft		01/03/2020		01/03/2020		
Deficiency Tracking			Jason Kuraoka		Draft		01/07/2020		01/07/2020		
Email Feedback			Justinn Acosta		Draft		05/13/2020		05/13/2020		
FileCabinet			Alan Sevellino		Draft		09/04/2020		09/04/2020		
Liquidated Damages			Facs rep		Draft		09/08/2020		09/08/2020		
Materials On Hand			Facs rep		Draft		09/08/2020		02/38/2020		
Material Tracking Pay Estimate			Greg Varni		Draft		8/2020		09/08/2020		
RFI											
Sample Card Concrete Grout											-
Sample Card Field Test					A			rows per page		1 - 10 of 2	.8 items
Submittal					🕀 New	Open [ Co	opy 🕤 His	story Print Delete			



User's Guide to BMP Inspection in FACS

To copy an existing BMP Inspection, select an entry (highlighted light blue) and click on the Copy button The copied entry will appear highlighted in yellow

The bulk of the BMP Inspection will be copies over, edit the entry as needed

от		> Tes	st Project					Q				Kei	ith
Admin	~		<b>BMP</b>	nspection									
Data	~		Filter										
Service	~		Date 🔻	~ Inspector	✓ Corrective Actions Tak.≍ S	itatus	~ BIC ~	Created		<ul> <li>Modified</li> </ul>		~	
ve				Keith Yamamoto	C	Draft		06/06/2018		06/27/2018		*	
ve Inspection				Andrew Babcock	E	Draft		07/24/2019		07/24/2019			
Monthly pliance				Facs rep	E	Draft		10/22/2019		10/22/2019			
ge Order				Jason Kuraoka	. t	Draft		01/03/2020		01/03/2020			
ency Tracki	ng			Jason Kuraoka	C	Draft		01/07/2020		01/07/2020			
ack				Justinn Acosta	C	Draft		05/13/2020		05/13/2020			
abinet				Alan Sevellino	c	Draft		09/04/2020		09/04/2020			
ated Dama				Facs rep	E	Draft		09/08/2020		09/08/2020			
ials On Har ial Tracking				Facs rep		Draft		09/08/2020		05/38/3020			
stimate				Greg Varni		Draft		09/08/2020	pave the entry	09/08/2020			
le Card Con ut	crete											savin.	
e Card Field	d Test				Œ	New	Open Cop		rows per page		1-	10 of 28 items	
<b>D</b> (													

ATTE OF HAWAI

HDO

BMP Cor

Mate

There are 3 statuses for BMP Inspection:

- I. Open Initial Status of the BMP Inspection while the Creator is completing it.
- 2. Submitted The BMP Inspection is Submitted for review by the Project Engineer once completed the Creator.
- 3. Completed The BMP Inspection has been reviewed by the Project Engineer and is ready to be printed, signed and shared with the Contractor.



## END OF GUIDE



User's Guide to BMP Inspection in FACS