Note:

MOC = Material of Construction

In the event an asset has a condition grade ≥ "3", a photograph is required for verification. A "Y/N" field is included to facilitate comprehensive data collection. Data deliverables will be approved based on quality and completeness of data.

Inspection Field Name	Entry Description	Note
Date Inspected	Date of Inspection	
Inspected By	Initials of onsite Inspection Lead	
	Contractor located (could see location in field) ARV or ARV	
Field Located	enclosure in field	
Cross Streets	Closest cross street description	
	Contractor had full access to ARV/enclosure (no gate, no	
Accessible	obstructions)	
Obstruction Type	If not accessible, obstruction description	
Access Type	Existing site location description	
Access Type 2	Dependent on "Access Description", further descriptor of existing site conditions	
. 100000 1, po 2	GPS coordinate of top-center of ARV collected in field with	
ARV GPS N	submeter accuracy	
7.11.7 (3.17)	GPS coordinate of top-center of ARV collected in field with	
ARV GPS W	submeter accuracy	
Enclosure Cover:	Manhole/vault cover measured at widest point from edge to	
Diameter/Length (in)	edge of rim	
Enclosure Cover: Width if appl.	Manhole/vault cover measured along smaller side, if not	
(in)	circular, point from edge to edge of rim	
Enclosure Cover: MOC	Enclosure Cover Material of Construction	
Enclosure Cover: Condition (1		Based on predefined
Good, 5 Severe)	Indicates condition grade of enclosure cover	condition grade
Enclosure Cover: If Condition ≥ 3, Picture (Y/N)		0
Enclosure: Depth of water inside	Measured depth of water inside enclosure. at time of	
(in)	inspection, "0" indicates no water present	
Enclosure: Top of pipe visible		
inside (after dewatering and		
cleanout)? (Yes/No)		
Enclosure: Plan View Max Length		
(in)	Widest measured distance inside at base of enclosure	
Enclosure: Plan View Max Width	Shortest measured side inside at base of enclosure	
Enclosure: Depth/Height, (Rim to	If below ground enclosure, distance from enclosure cover rim	
Top of pipe/Bottom of Enclosure,	and top of force main pipe (or enclosure floor). If above ground	
or Height of Aboveground) (in)	enclosure, measured from grade to top of enclosure	
	Indicates condition grade of enclosure visible from inside below	Based on predefined
Enclosure: Condition (1 Good, 5	ground installations (manhole/vault) and visible from the inside	condition grade
Severe)	and outside of aboveground enclosure. N/A indicates no	descriptions (MACP)

	Fields to be collected in Electronic Data System	
Enclosure: If Condition ≥ 3,	If enclosure rehab is feasible, the estimated area of concrete	
Estimated Amt. of Concrete in	surface damage	
Enclosure: If Condition ≥ 3,	If enclosure rehab is feasible, the estimated area liner that	
Estimated Amt. of Coating in	would need to be replaced	
ARV: Manuf	Existing ARV maunfacturer	
ARV: Model	Existing ARV model	
ARV: Inlet Size (in)	Existing ARV inlet size	
ARV: Body Material	Existing ARV Body Material of Construction	
ARV: Condition (1=Good,		Based on predefined
5=Severe Condition)	Indicates condition grade of ARV.	condition grade
	Yes indicates ARV was observed to be operating as intended (air	Based on predefined
	release/intake observed), No indicates ARV was clearly	(simple) SOP for
	observed to be clogged or inoperable, Unknown indicates the	assessing functionality in
ARV working properly? (Yes/No)	functionality was not able to be verified	field
	Yes indicates clear evidence of ARV leaking or clear evidence of	Based on predefined
	history of leaks, No indicates inspection showed no indication of	(simple) SOP for
ARV Leaking or Evidence of	leaking , Unknown indicates site conditions made it difficult to	assessing leak evidence
Leaking? (Yes/No)	tell if leaks had occurred (i.e. submerged in water)	in field
Iso-valve: Manuf/Model		
Iso-valve: Size (in)		
	Ball	
	Plug	
Iso-valve: Type	Gate	
	O= Stuck Open	
	C = Stuck Close	
Iso-valve: Open/Close? (O, C, Y)	Y = Yes, functioning	
Iso-valve: Condition (1=Good,		
5=Severe)		
Iso-valve: If Condition ≥ 3, Picture		
(Y/N)?		
		In the event there is an
		iso-valve directly below
		the ARV and a second iso
		valve at the force main
		connection, the valve at
Iso-valve_2: Manuf/Model		the main will be referred
Iso-valve_2: Size (in)		\
	Ball	
	Plug	
Iso-valve_2: Type	Gate	
	O= Stuck Open	
Iso-valve_2: Open/Close? (O, C,	C = Stuck Close	
Y) = 1 / / / /	Y = Yes, functioning	
Iso-valve_2: Condition (1=Good,		
5=Severe)		
Iso-valve_2: If Condition ≥ 3,		
Picture (Y/N)?		

	,	
Pipe support: Condition (1=Good,		
5=Severe)	"N/A" if doesn't exist.	
Pipe support: If Condition ≥ 3,		
Picture (Y/N)?		
/		
Connection Pipe: MOC		
Connection Pipe: Size		
Connection Pipe: Condition		
(1=Good, 5=Severe)		
Connection Pipe: If Condition ≥ 3,		
Picture (Y/N)?		
Saddle/Sleeve: Manuf/Model		
Saddle/Sleeve: Inlet Size (in)		
Saddle/Sleeve: MOC		
Saddle/Sleeve: Condition		
(1=Good, 5=Severe)		
Saddle/Sleeve: If Condition ≥ 3,		
Picture (Y/N)?		
Farma main: NAOC		
Force main: MOC		
Force main: Size /in)		
Force main: Size (in)		
Force main: Exposed length (in)		
Force main: Exposed length (III)		
circumference (in)		
Force main: Condition (1=Good,		
5=Severe)		
Force main: If Condition ≥ 3,		
Picture (Y/N)?		
	Affirmation that Contractor provided pictures of existing ARV	
	location with ARV clearly marked in picture, cover on, and	
Pictures of Existing site	posiitoned in bottom of frame. The frame should be positioned	
_	so that the horizon is approximately 1/3 from bottom of frame	
bottom of frame looking N, E, S,	directed due north, east, south, and west. Every effort should	
and W) (Yes/No)	be made to include utility locates or overhead utilities of	
and vv) (163/140/	Affirmation that Contractor provided picture of existing ARV	
Picture looking down into	location, as found, view from above with enclosure cover	
enclosure w/ light/flash as found	removed and flash/lighted so that inside of enclosure with ARV	
in field	and bottom of enclosure is visable.	
iii iielu		
Dieturo lo okina davum inte	Affirmation that Contractor provided picture of existing ARV	
Picture looking down into	location, after cleanout, same view as pre-cleanout, from above	
enclosure w/ light/flash after	with flash/lighted so that inside of enclosure with ARV and	
cleanout	bottom of enclosure is visable.	

Picture(s) of side view of ARV and	Affirmation that Contractor provided picture of sideview of ARV	
Appurtanences (show corrosion	and appurtances, which includes visible corrosion and evidence	
if present)	of leakage if applicable.	