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Addendum No. 2

Floating Cover Maintenance Contract

TMWA Project No. 2015-016
July 29, 2015

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

Question and Response

Question No. 1: How old are the covers?

Response to Question No. 1: Highland Reservoir's cover was placed into service in May of 2015
Hunter Creek Reservoir's cover was placed into service in April of 2004.

Question No. 2: When are the cleanings scheduled?

Response to Question No. 2: The covers are cleaned in Spring and Fall at a pre-determined date established by TMWA, but subject to change due to operational needs.

Question No. 3: Have the covers been maintained on an annual basis?

Response to Question No. 3: Hunter Creek's cover has been maintained on a regular basis to date. The Highland cover is a brand new cover and has not had any maintenance performed on it to date.

Question No. 4: Where are the two reservoirs:

Response to Question No. 4: Hunter Creek & Highland Reservoirs are both located in Reno, NV.

Question No. 5: When was the current Hunter Creek Floating Cover installed?

Response to Question No. 5: Please refer to Response to Question No. 1.

Question No. 6: Please confirm TMWA will provide an on-site dumpster for disposal of cover debris.

Response to Question No. 6: The contractor performing cover cleaning maintenance will be allowed to use onsite dumpsters for disposal of cover debris. Contractor will be required to coordinate the availability of the dumpster prior to beginning cleanings.

Question No. 7: What is the anticipated working hours for this project? Is work allowed on Saturday or Sunday?

Response to Question No. 7: Working hours are Monday – Friday, 7:00AM – 4:30PM. Alternative scheduling may be allowed at TMWA’s discretion with prior approval.

Question No. 8: Can you provide the location of on-site drains where we can discharge cleaning water?

Response to Question No. 8: Highland’s drains are located on the East side of the reservoir near the bottom of the embankment. Approximately 200 – 300 feet from the eastern-most edge of the cover.

Question No. 9: Do you know the water pressure at the perimeter spigots and the fitting size?

Response to Question No. 9: Pressures vary seasonally between 45 – 60 PSI

Question No. 10: Can you confirm the presence and number of repair floats in each reservoir?

Response to Question No. 10: There are approximately 2-3 floats for repair at each site.

Question No. 11: Does the cover cleaning include cleaning out the rainwater removal pump sumps?

Response to Question No. 11: Yes.

Question No. 12: Can you provide the approximate dimensions of each reservoir so we can properly determine hose lengths for washing the cover?

Response to Question No. 12: Highland Reservoir is approximately 520’ x 375’. Hunter Creek is approximately 700’ x 400’.

Question No. 13: Will the reservoir level be lowered during cleaning in order to provide access to the central rainwater troughs or is this area not included in the routine cleaning?

Response to Question No. 13: The reservoir will usually be in service during cleanings and the troughs will not be included in the routine cleanings.

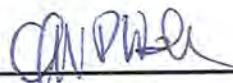
Question No. 14: Can you provide a sample final report from previous cleanings?

Response to Question No. 14: Yes, see attached sample report (see Attachment A)

ATTACHMENT A
(Sample Report)

Hunter Creek Reservoir Floating Cover Overall Inspection & Cleaning Summary Statement

Overall Work Completed	Location	Notes
Inspection	Entire Cover	Walked and inspected cover, leaks noted
Cleaning	Entire Cover	Completed
Maintenance		
Repairs	5 repairs completed on Cover	1 additional leak noted during repair, also repaired
Overall Hypalon Material Condition	Fair	
Recommendations	Continue inspections and cleanings routinely	

Signature of Inspector - 
 Date - 10-02-14

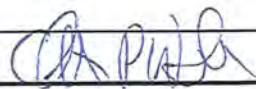
Hunter Creek Reservoir Floating Cover Inspection Checklist

Visual Inspection - (Off of the Cover)

1. Perimeter Inspection	Location	Notes
A. Walkway condition -	Around Perimeter of Floating Cover	Fair Condition. Noticed gaps in pavement, no issue traversing with vehicles
B. Safety Devices present -	Around Perimeter of Floating Cover	Good Condition
C. Signs of vandalism -	In fenced-in Area of Reservoir	No signs of vandalism
D. Pumps Working Properly & Secure -	Center of Floating Cover	Good Condition. West pump not secured properly

Notes:


Signature of Inspector -



Date - 10-02-14

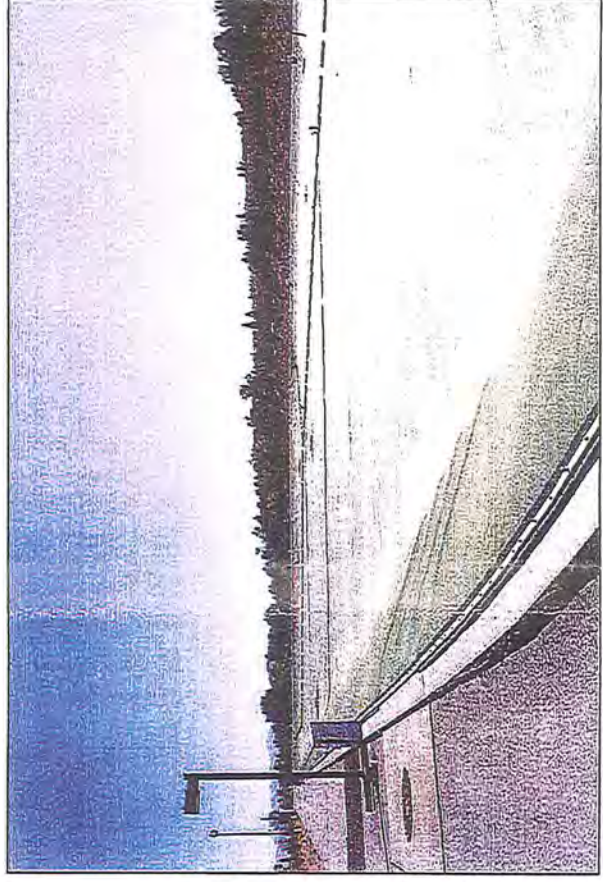
Hunter Creek Reservoir Floating Cover Inspection Checklist
 Maintenance Inspection - (On Cover)

2. Maintenance Inspection	Location	Notes
A. Cover Walk Inspection (Max 25 Ft. Intervals)	Entire Floating Cover Area	
B. Hatches	On Floating Cover	Good Condition
C. Vents -	On Floating Cover	Repairs noted and completed
D. Rainwater Drains -	On Floating Cover	Slow to drain, unable to locate the cause
E. Signs of Debris Accumulation -	On Floating Cover	Throughout cover mainly dirt accumulation, some goose waste
F. Manually Remove Debris -	On Floating Cover	Completed
G. Mark any Holes, Tears or areas in need of repair	On Floating Cover	Completed
H. Place Floats Directly Beneath any Holes that may Leak -	On Floating Cover	Completed
H. Adjust Sand Tubes to Direct Rainwater into Drains	On Floating Cover	Completed
I. Operation of Rainwater Pumps Inspect for clogs and proper operation	On Floating Cover	Good operationing condition, western pump not secured effectively
J. Repairs Made (Type of Repair and Location)	On Floating Cover	See Overview Report
K. Equipment Inspected and Maintained	N/A	
L. Areas Cleaned (Location and description of debris)	On Floating Cover	Completed

Signature of Inspector - 
 Date - 10-02-14



COVER LOOKING SOUTH - NO SCALE



LOOKING EAST NORTH SIDE OF COVER - NO SCALE

SCALE: 1" = 80'

30 MILLION GALLON HUNTER CREEK RESERVOIR
FLOATING COVER

RENO, NV

TRUCKEE MEADOWS WATER
 A U T H O R I T Y
 1355 CAPITAL BLVD., PO BOX 30013
 RENO, NEVADA 89520-3013
 PH 775-854-8000 / FX 775-834-8003

DATE:	1-09
DRAWN BY:	SB
WORK ORDER #:	05-025
SCALE:	AS SHOWN

FIGURE
2

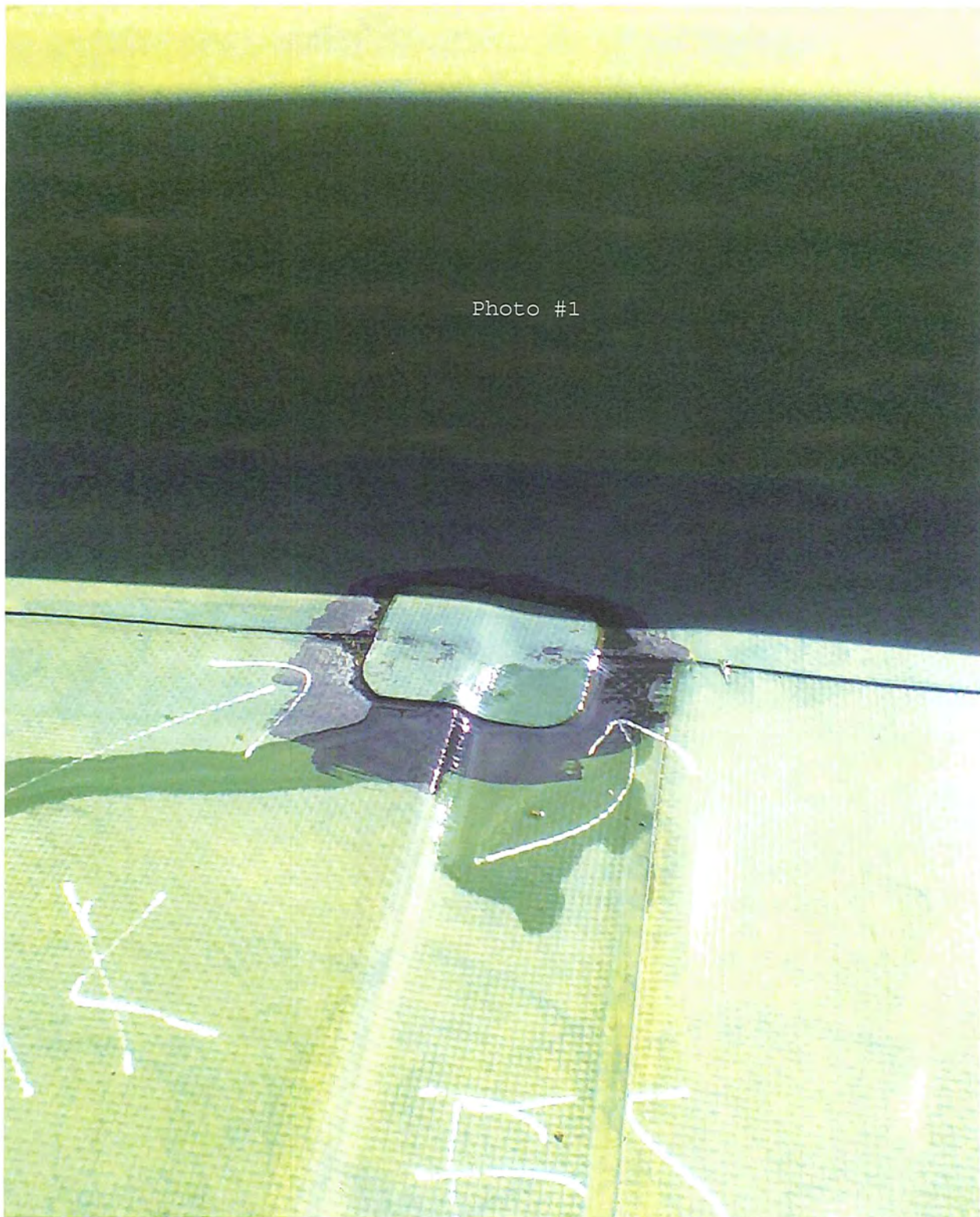


Photo #1

Photo #2



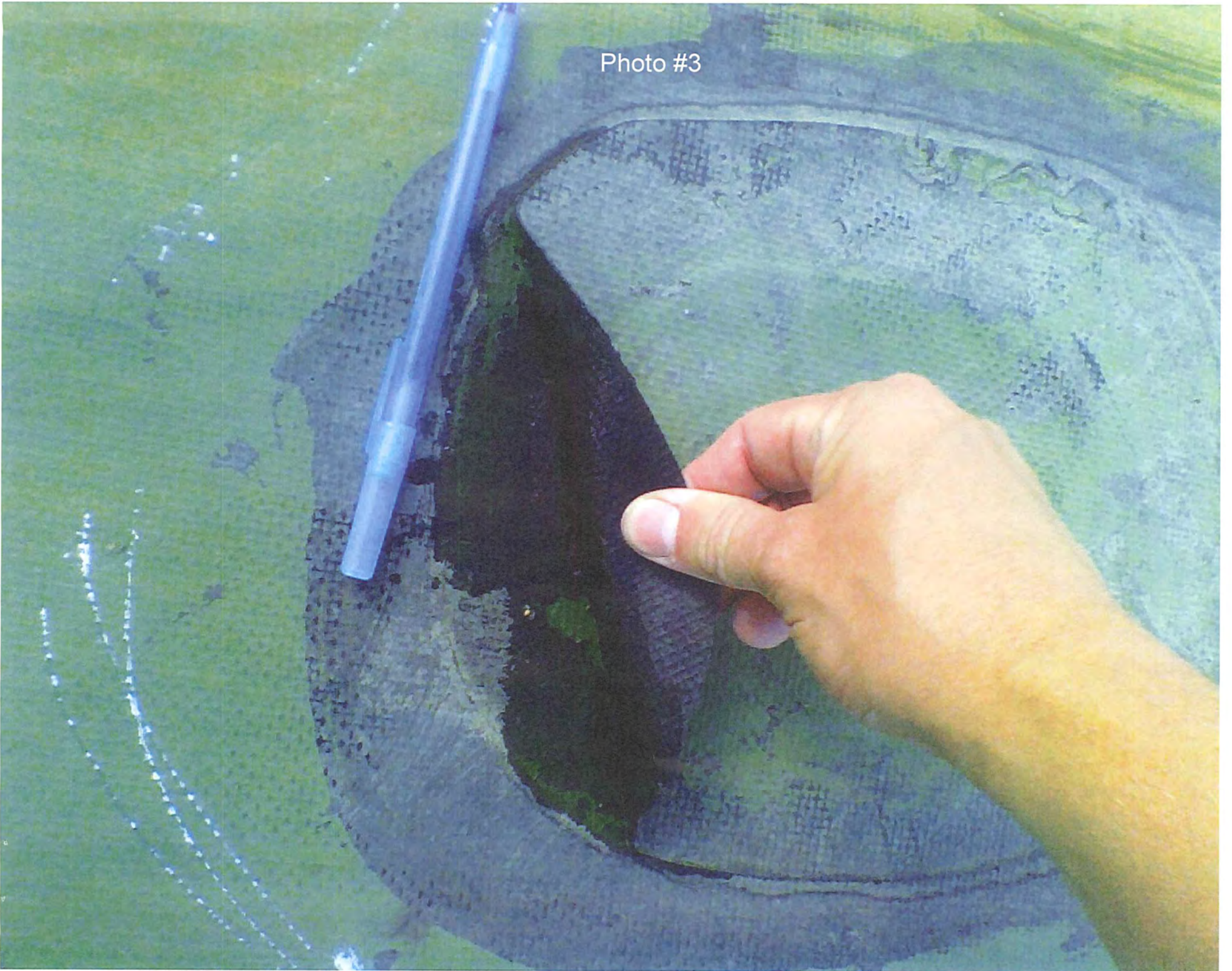


Photo #3

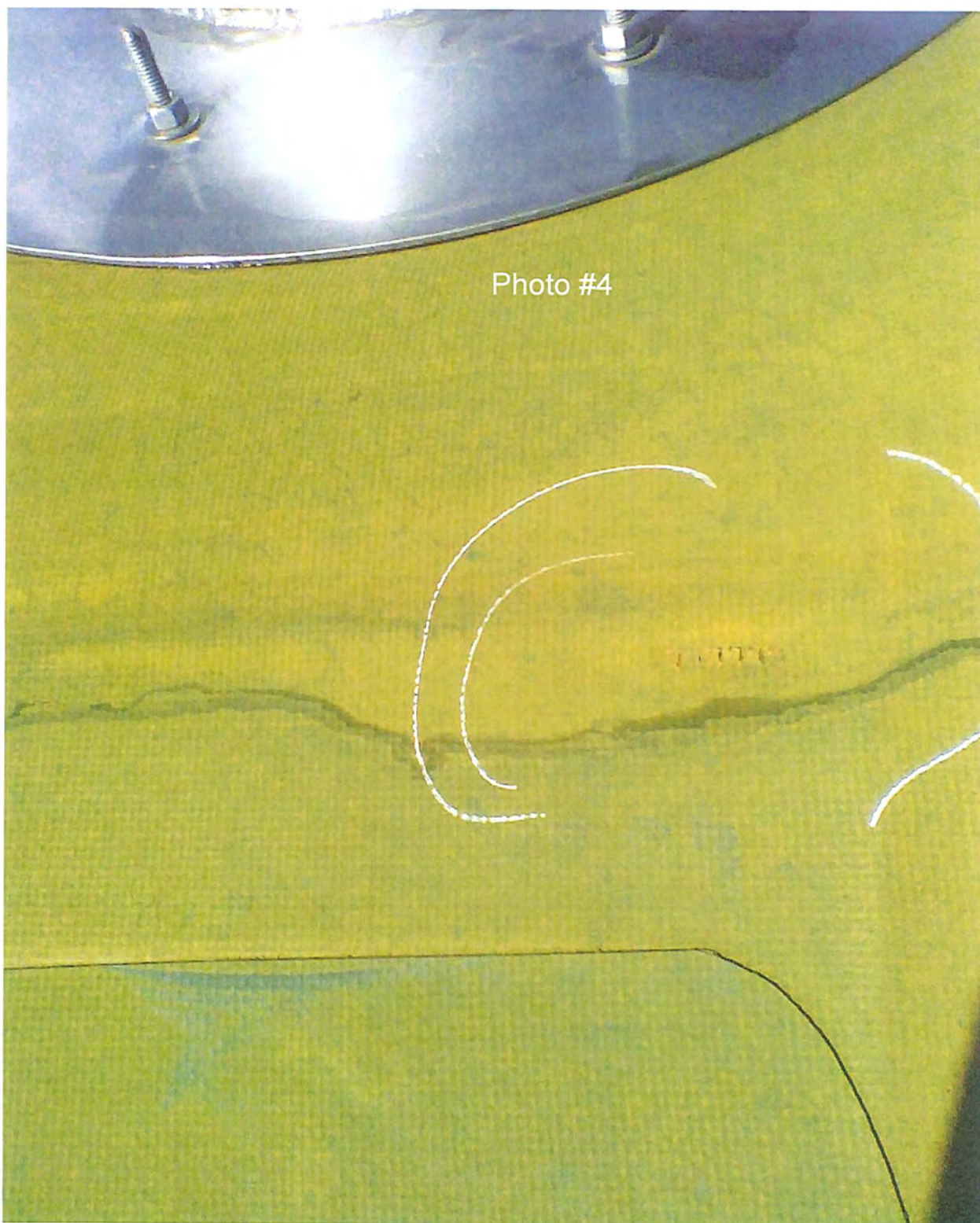
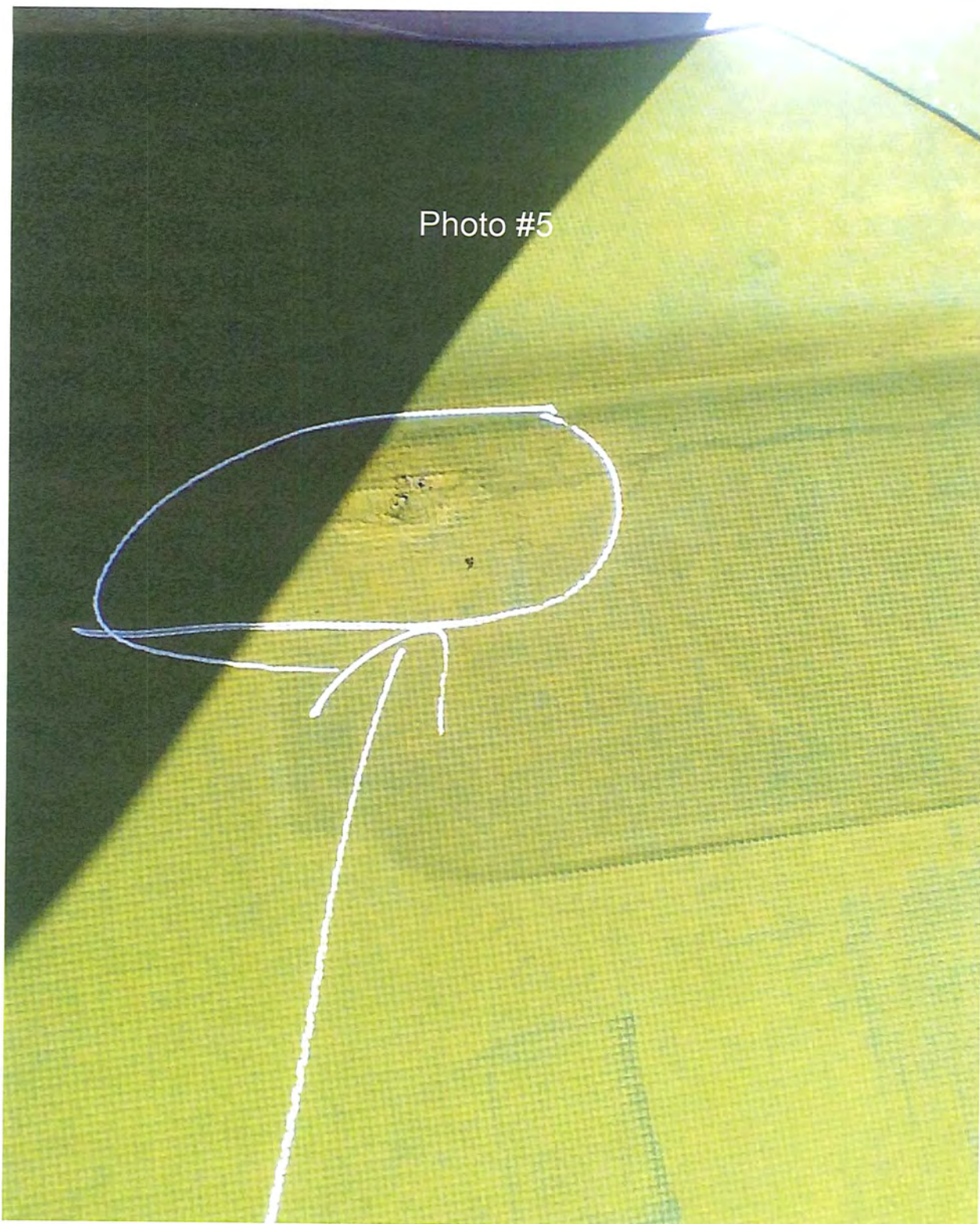
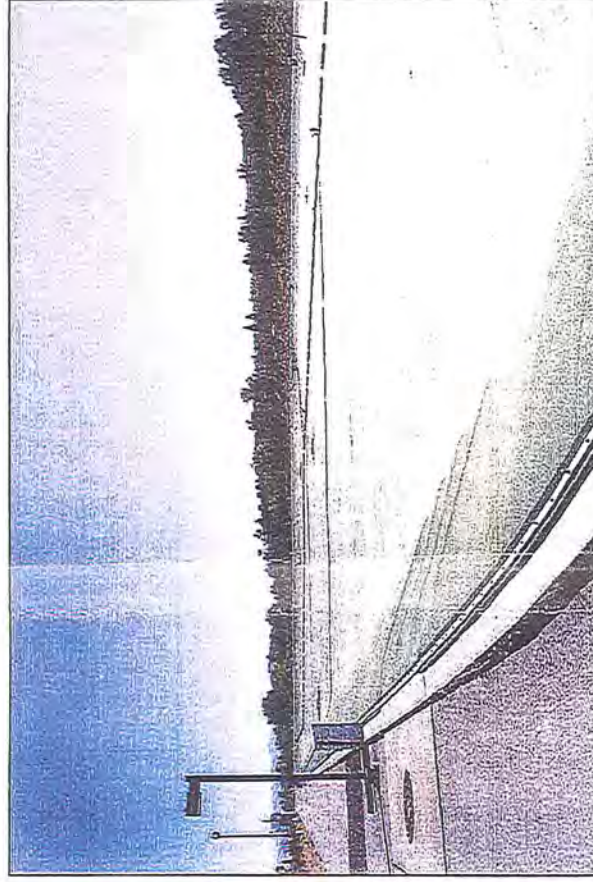


Photo #5





COVER LOOKING SOUTH - NO SCALE



LOOKING EAST NORTH SIDE OF COVER - NO SCALE

SCALE: 1" = 80'

COVER AREA = 6.2 ACRES

30 MILLION GALLON HUNTER CREEK RESERVOIR
 FLOATING COVER
 RENO, NV

TRUCKEE MEADOWS WATER
 AUTHORITY
 1355 CAPITAL BLVD., PO BOX 30013
 RENO, NEVADA 89520-3013
 PH 775-834-8000 / FX 775-831-8003

DATE:	1-09
DRAWN BY:	SB
WORK ORDER #:	05-025
SCALE:	AS SHOWN

FIGURE
 2

Photo #6

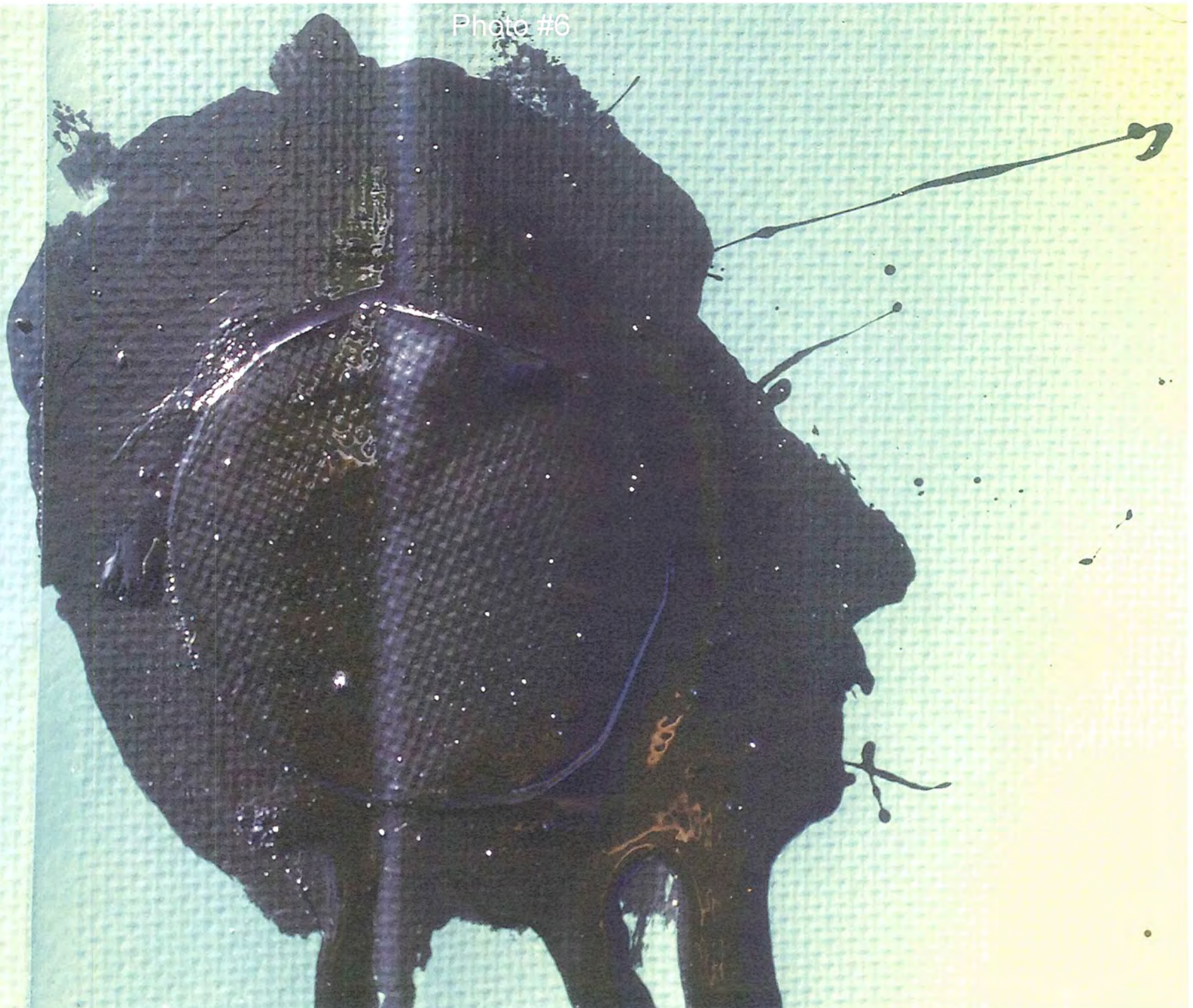
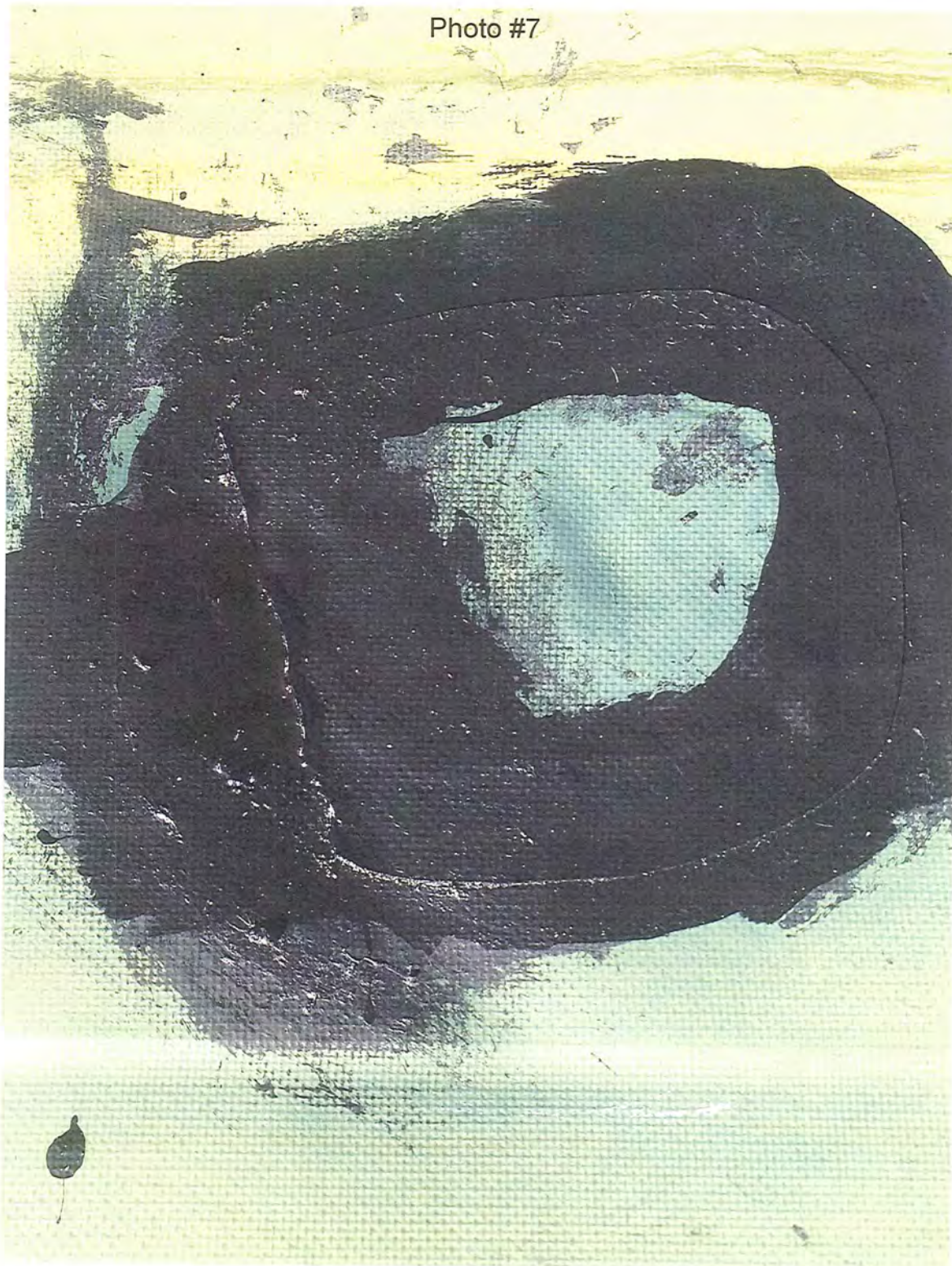


Photo #7



Photo# 8



Photo# 9

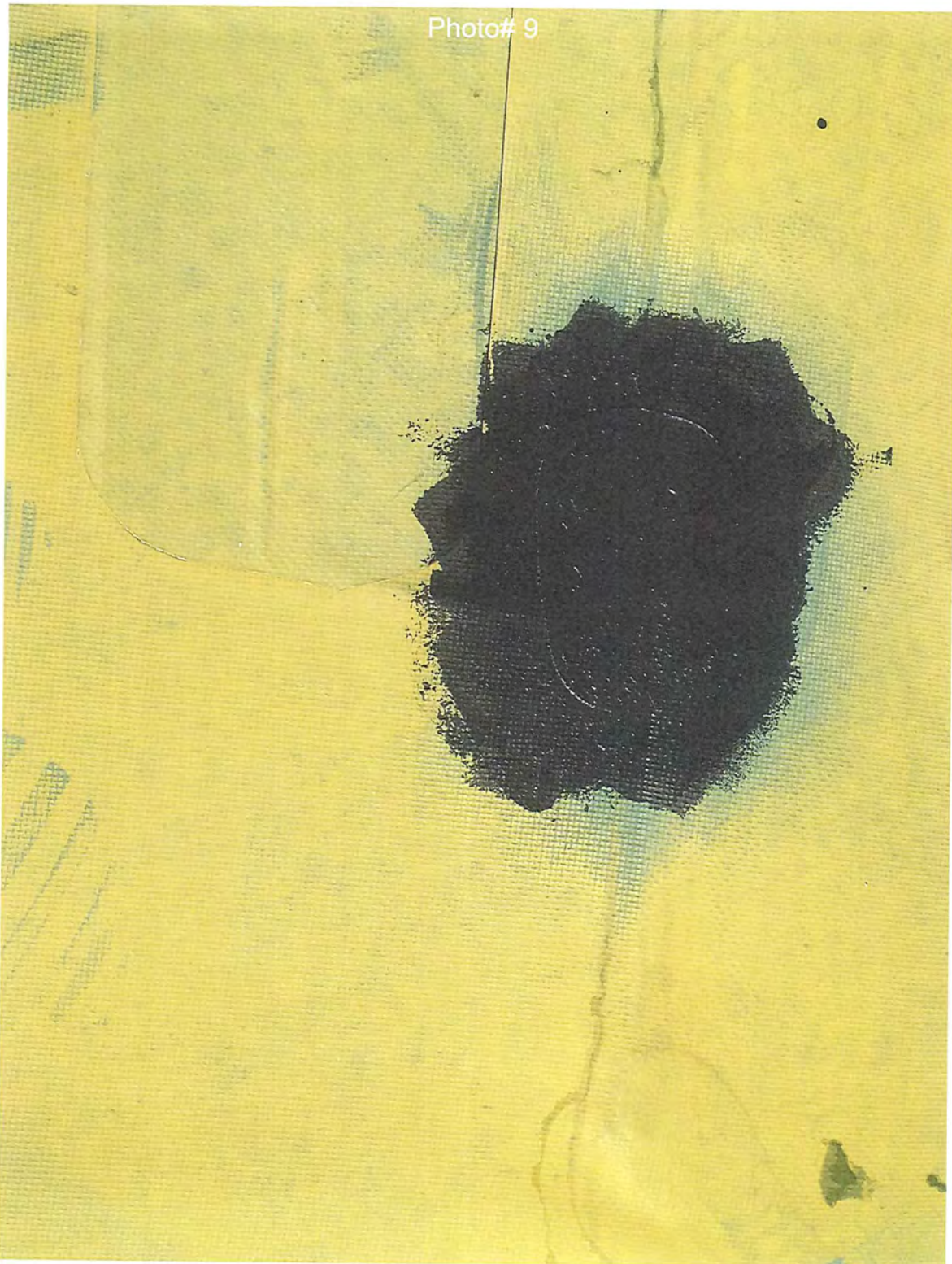


Photo #10



Photo #11

