

APPENDIX I:

WELL ABANDONMENT RECORDS

(ON DVD)

NYSDEC – College Point 3 Interim Remedial Measure

URS SHOP DRAWING/SUBMITTAL REVIEW COMMENTS

CONTRACTOR: EnviroTrac Ltd.
PROJECT FILE NO.: 60563123
CONTRACT NO.: D007622-47
SUBMITTAL NO.: 02734-2
DATE RECEIVED: November 27, 2018
DESCRIPTION: Well Abandonment Records
REVIEW STATUS: APPROVED
REVIEW COMMENTS:

None.

Reviewed by: K. Jackson

Date: 04/28/19

Review is for general compliance with contract documents. Sole responsibility for correctness of dimensions, details, quantities, and compliance with performance specifications, and safety during fabrication and construction shall remain with the Contractor.

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

MA
11/7/10
DEL-41

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☒	☐
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEL-41

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

well pvc cracked

YES	NO
☒	☐
☒	☒
☒	☐

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

0 ppm

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

MA

PROTECTIVE CASING MATERIAL TYPE:

PVCMEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

YES	NO
☐	☒
☐	☒
☐	☒
☒	☒

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

24.00

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

10.05

MEASURE WELL DIAMETER (Inches):

4"

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

Good

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

none

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

over 10'

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In Asphalt parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

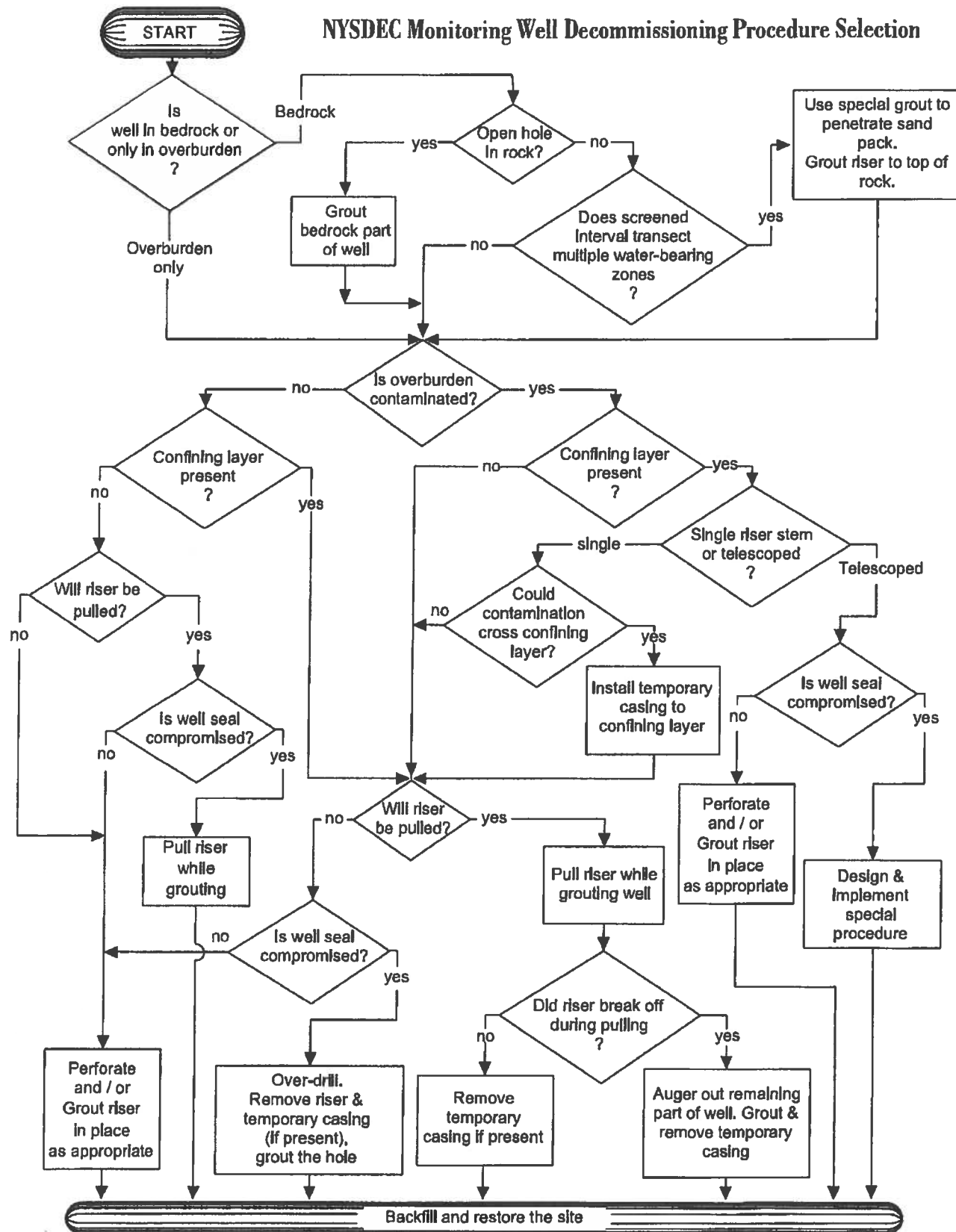


FIGURE 2

WELL DECOMMISSIONING RECORD

COMMENTS:	♦ Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

- Sketch in all relevant decommissioning data, including:
interval overdrilled, interval grouted, casing left in hole,
well stickup, etc.

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

college point
NA
11/7/18
DEC-46

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☒	☐
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

well pdd cracked

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

YES	NO
☒	☐
☒	☒
☒	☒

0

NA

NA

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
☐	☒
☐	☒
☐	☒
☒	☒

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 23.50

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 18.16

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

23.50
18.16
2"
PVC
GOOD
10 FT

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt Road

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

none

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

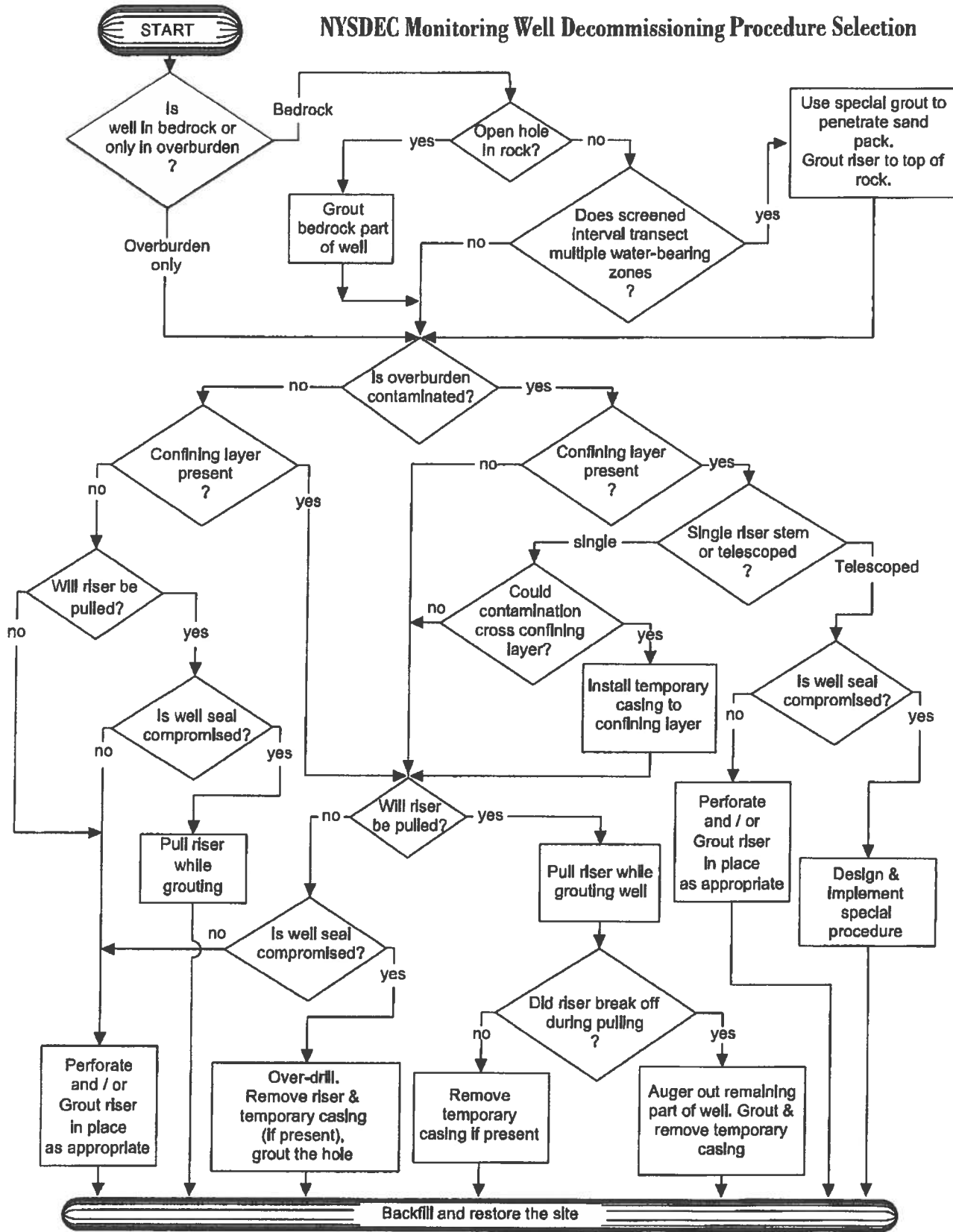


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <i>College Point</i>	Well I.D.: <i>DEC-46</i>
Site Location:	Driller:
Drilling Co.:	Inspector: <i>MA</i>
	Date: <i>11/7/18</i>

DECOMMISSIONING DATA (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled Drilling Method(s) Borehole Dia. (in.) Temporary Casing Installed? (y/n) Depth temporary casing installed Casing type/dia. (in.) Method of installing	Depth (feet)
<u>CASING PULLING</u> Method employed Casing retrieved (feet) Casing type/dia. (in.)	
<u>CASING PERFORATING</u> Equipment used Number of perforations/foot Size of perforations Interval perforated	
<u>GROUTING</u> Interval grouted (FBLs) # of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grout used (gal.)	
Interval Drilled Drilling Method(s) Borehole Dia. (in.) Temporary Casing Installed? (y/n) Depth temporary casing installed Casing type/dia. (in.) Method of installing	
Method employed Casing retrieved (feet) Casing type/dia. (in.)	
Equipment used Number of perforations/foot Size of perforations Interval perforated	
Interval grouted (FBLs) # of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grout used (gal.)	
Interval grouted (FBLs) # of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grout used (gal.)	
Interval grouted (FBLs) # of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grout used (gal.)	

COMMENTS:

* Sketch in all relevant decommissioning data, including:
 interval overdrilled, interval grouted, casing left in hole,
 well stickup, etc.

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

MA
11/7/18
SVE-03

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☒
☒	☒

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

CRACKED WITH PAD

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

YES	NO
☒	☒
☒	☒

0 ppm

NA

4"

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
☒	☒
☒	☒
☒	☒

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

14.80

0.14

4"

PVC

Good

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Asphalt parking lot

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

NONE

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

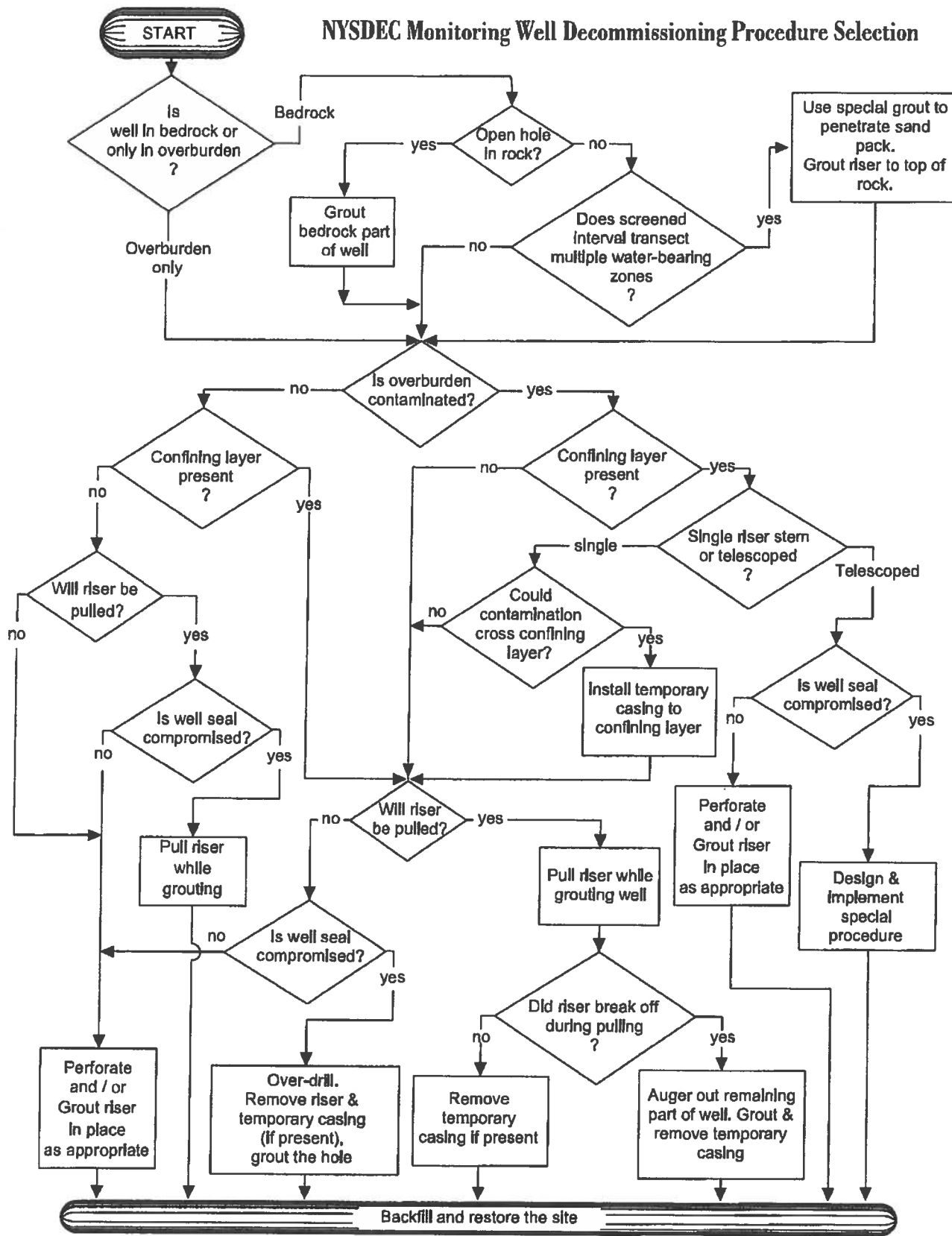


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name:	Well I.D.: <i>5ve-03</i>
Site Location:	Driller:
Drilling Co.:	Inspector: <i>MA</i>
	Date: <i>11/7/18</i>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<i>hand</i>		
Casing retrieved (feet)	<i>2'</i>		
Casing type/dia. (in)			
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBS)	<i>14.80</i>		
# of batches prepared	<i>1</i>		
<u>For each batch record:</u>			
Quantity of water used (gal.)	<i>45</i>		
Quantity of cement used (lbs.)	<i>1800</i>		
Cement type	<i>portland</i>		
Quantity of bentonite used (lbs.)	<i>5</i>		
Quantity of calcium chloride used (lbs.)	<i>-</i>		
Volume of grout prepared (gal.)	<i>45</i>		
Volume of grout used (gal.)	<i>45</i>		
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

NA
11/7/14
50E-122

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☐	☒
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

cracked well pad

YES	NO
☒	☐
☐	☒
☒	☐

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0 PPM
NA
44

YES	NO
☐	☒
☐	☒
☐	☒
☐	☒
☐	☒

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

14.60
13.25
4"
PVC
Good
—
—

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

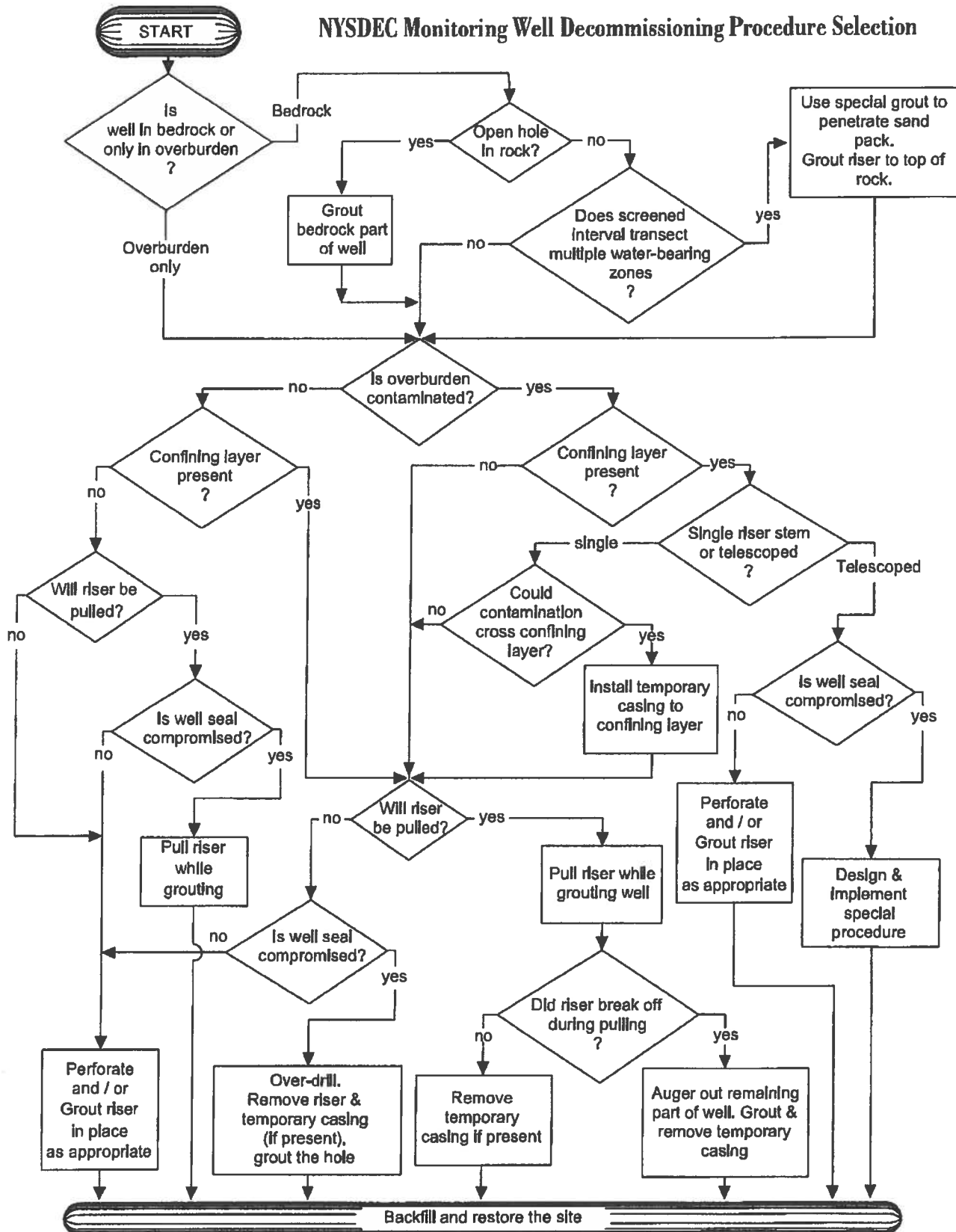


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>Sve-02</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/7/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hydro</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)			
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>14.80</u>		
# of batches prepared	<u>1</u>		
<u>For each batch record:</u>			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>180</u>		
Cement type	<u>Portland</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>		
Volume of grout used (gal.)	<u>45</u>	<u>14.80</u>	
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:
INSPECTOR:
DATE/TIME:
WELL ID.:

College Point
MF
DEC-40

WELL VISIBLE? (If not, provide directions below)
WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☒	☐
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
☒	☐
☒	☐
☒	☐

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0
PVC
211

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

YES	NO
☐	☒
☐	☒
☐	☒
☒	☒

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

23.75
13.32
211
PVC
GOOD

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Asphalt parking lot

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Good

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

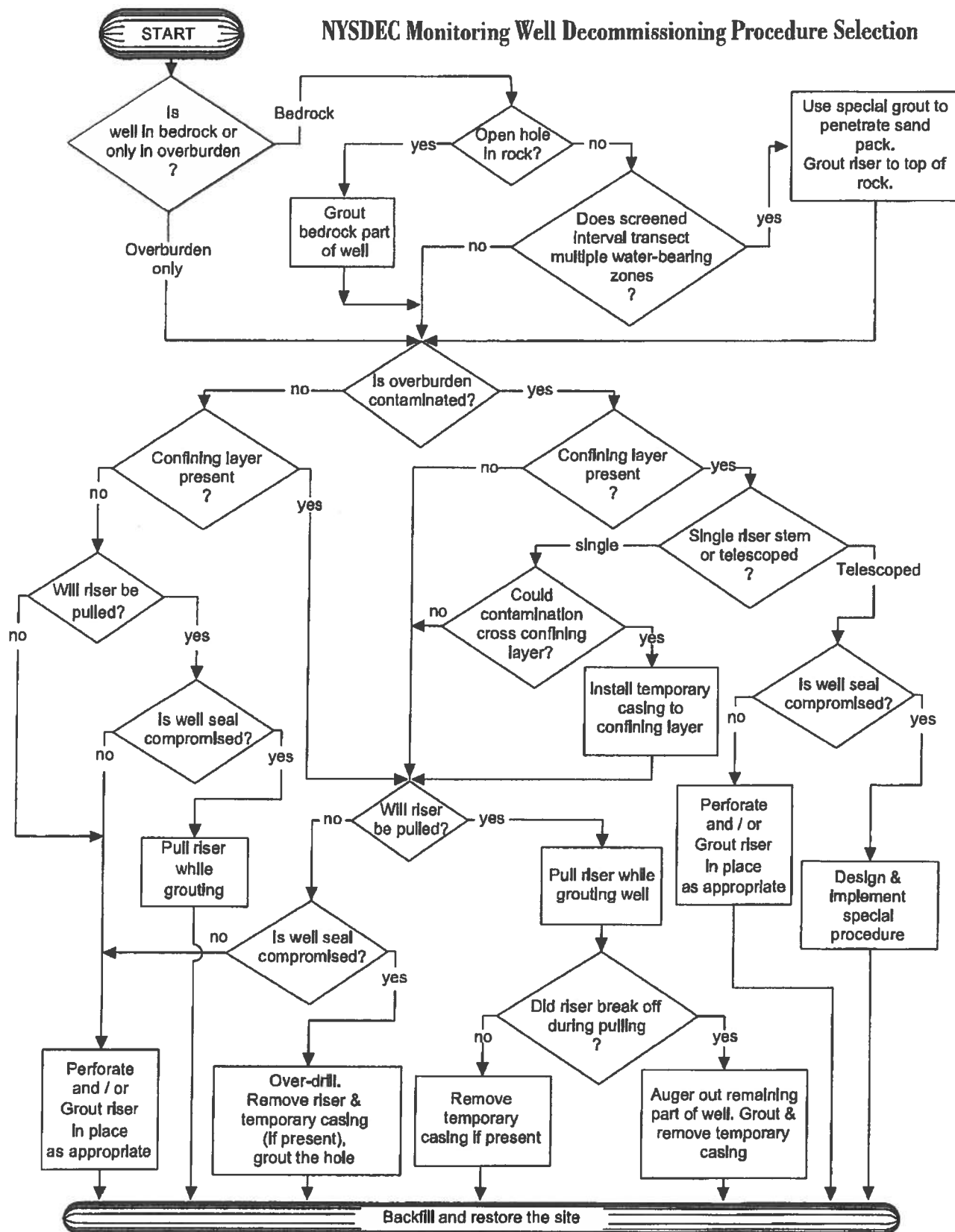


FIGURE 2

WELL DECOMMISSIONING RECORD

COMMENTS:	* Sketch in all relevant decommissioning data, including:
	interval overdrilled, interval grouted, casing left in hole,
	well stickup, etc.

* Sketch in all relevant decommissioning data, including:
interval overdrilled, interval grouted, casing left in hole,
well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

MA
11/2/14
MR-13

	YES	NO
WELL VISIBLE? (If not, provide directions below)	☒	
WELL I.D. VISIBLE?	☒	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	☒	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT USED.....		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 2"		
LOCK PRESENT?		
LOCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?		
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		
MEASURE WELL DIAMETER (Inches):		
WELL CASING MATERIAL:		
PHYSICAL CONDITION OF VISIBLE WELL CASING:		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....		

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Asphalt parking lot

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Good

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

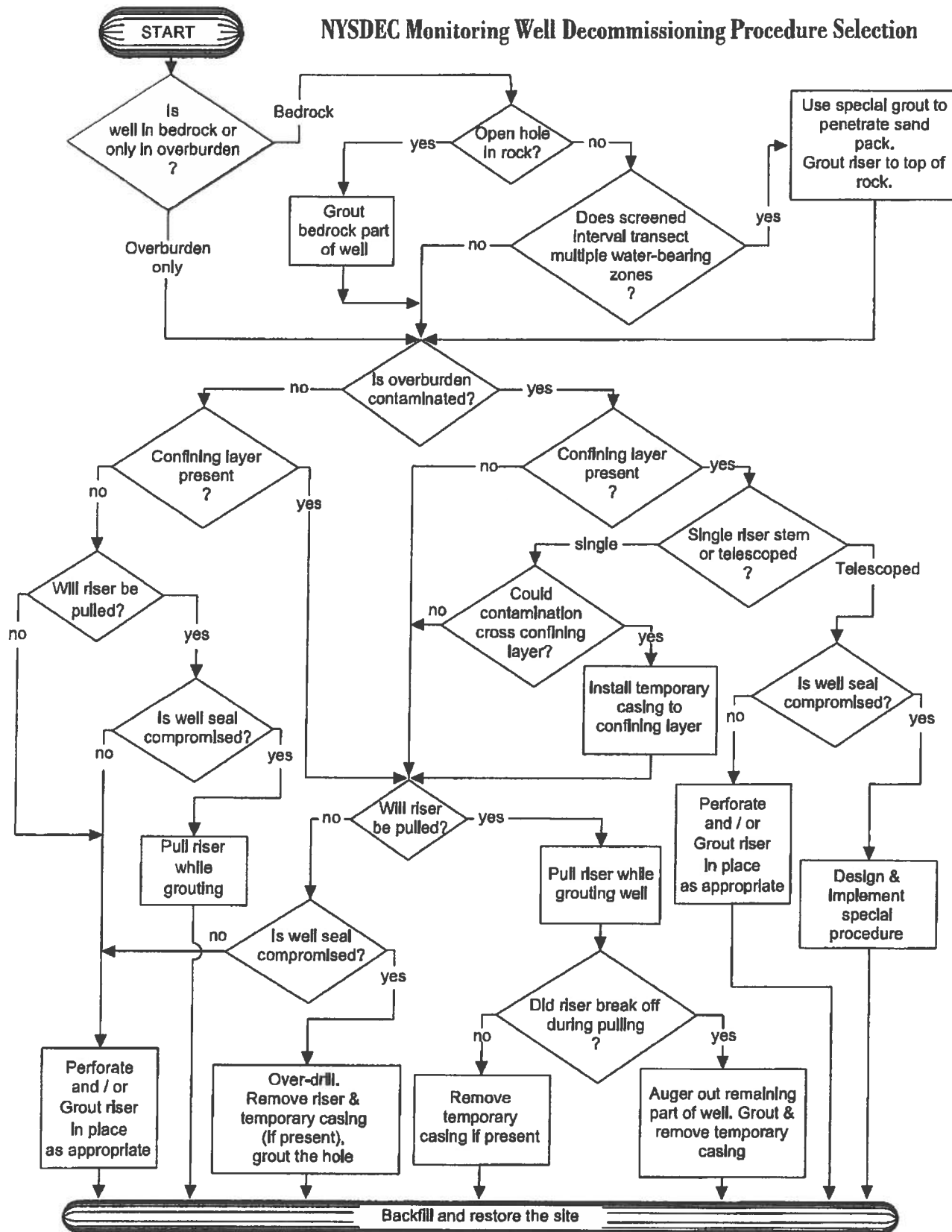


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>MW-14</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/7/18</u>

DECOMMISSIONING DATA (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled Drilling Method(s) Borehole Dia. (in.) Temporary Casing Installed? (y/n) Depth temporary casing installed Casing type/dia. (in.) Method of installing	Depth (feet)
<u>CASING PULLING</u> Method employed Casing retrieved (feet) Casing type/dia. (in.)	
<u>CASING PERFORATING</u> Equipment used Number of perforations/foot Size of perforations Interval perforated	
<u>GROUTING</u> Interval grouted (FBLs) # of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grout used (gal.)	

COMMENTS: 	* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.
------------------------------	---

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

MA
11/7/10
DEC-35

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-35

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

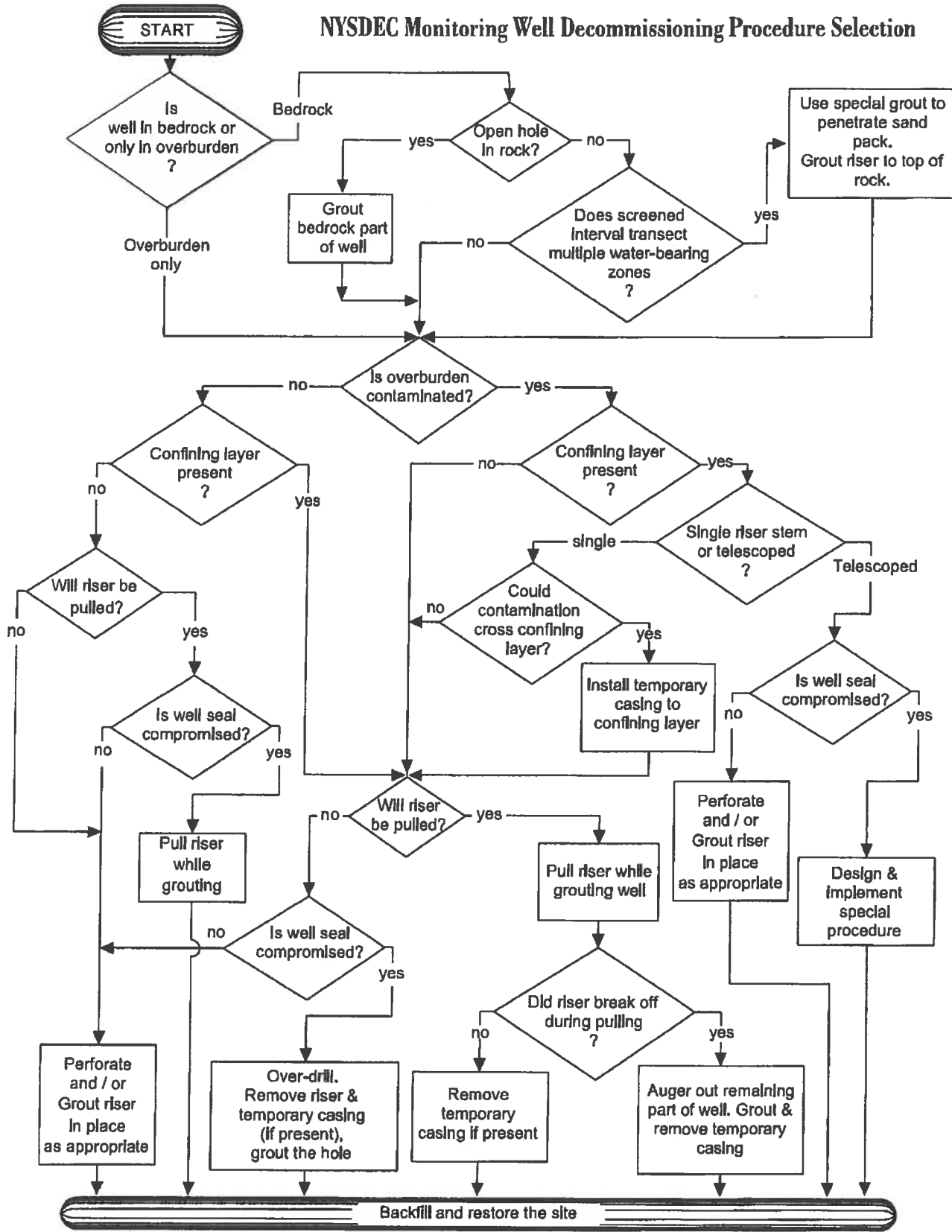


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>CALICE POINT</u>	Well I.D.: <u>DEL-35</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/7/10</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>			
Interval Drilled		Depth (feet)	
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>4"</u>		
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBS)	<u>12.25</u>		
# of batches prepared	<u>1</u>		
<u>For each batch record:</u>			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>180</u>	<u>12.00</u>	<u>OTP</u>
Cement type	<u>PORTLAND</u>		<u>✓</u>
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>—</u>		
Volume of grout prepared (gal.)	<u>45</u>		
Volume of grout used (gal.)	<u>10</u>	<u>12.25</u>	
COMMENTS:			

* Sketch in all relevant decommissioning data, including:
interval overdrilled, interval grouted, casing left in hole,
well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

college pr. AT

mt

11/9/18

MW-12

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: MW-12

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0 ppm
mt
-

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	✓
	✓
	✓
✓	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

25'-00
17'-60
2"
PVC
good
no
-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In ASPHALT parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

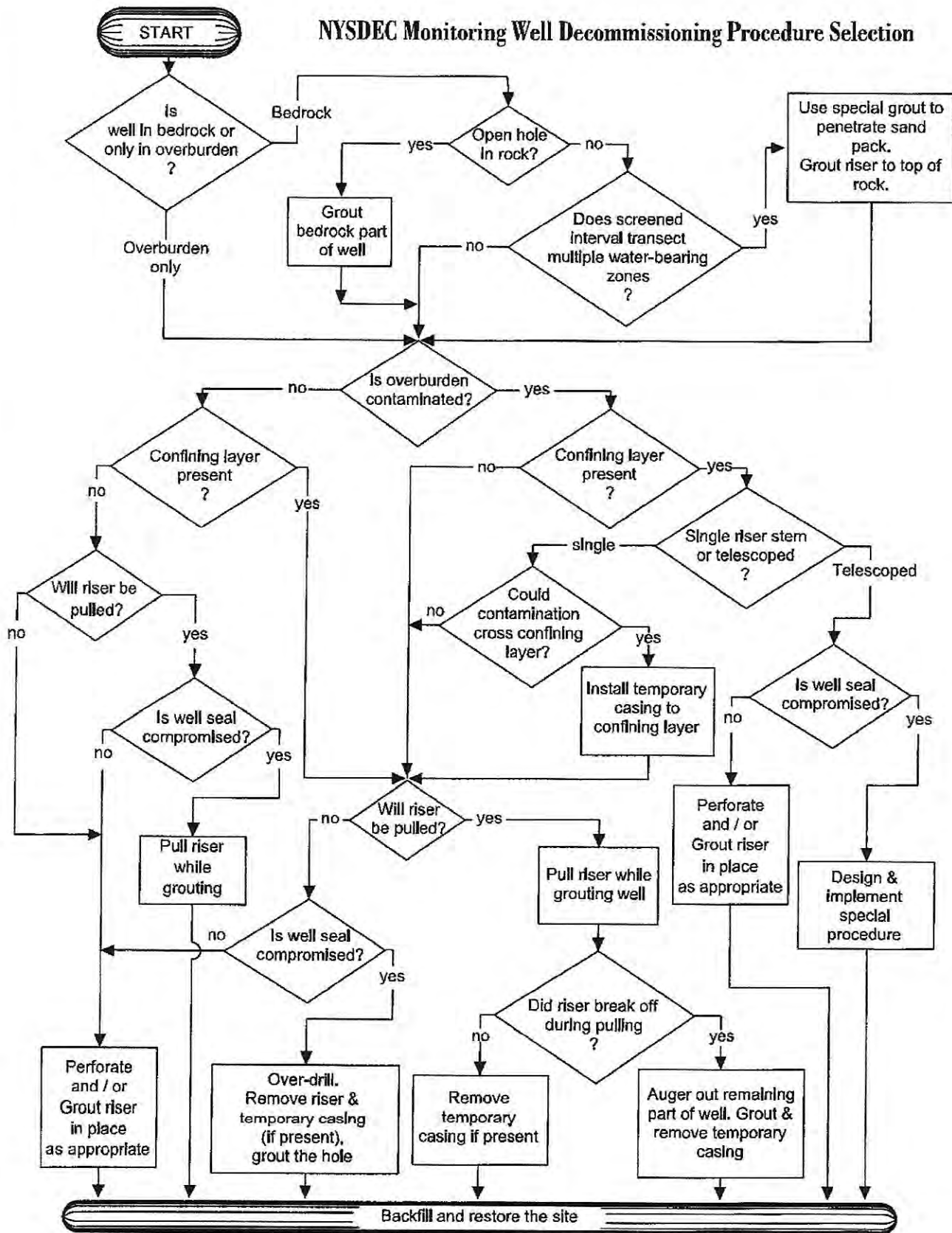


FIGURE 2

WELL DECOMMISSIONING RECORD

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed	HAND	12.60	
Casing retrieved (feet)	2'		
Casing type/dia. (in.)	2" PVC		
CASING PERFORATING			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLs)	25'		
# of batches prepared	1		
For each batch record:			
Quantity of water used (gal.)	45		
Quantity of cement used (lbs.)	180		
Cement type	PORTLAND		
Quantity of bentonite used (lbs.)	5		
Quantity of calcium chloride used (lbs.)	—		
Volume of grout prepared (gal.)	45		
Volume of grout used (gal.)	15	25'	
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:
INSPECTOR:
DATE/TIME:
WELL ID.:

college point
MT
11/11/08
DEC-50

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-50

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0 ppm
NA
PVC

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	X
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

29.80
18.22
4"
PVC
Good
NA
NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Grass area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

NYSDEC Monitoring Well Decommissioning Procedure Selection



FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>DEC-50</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>mt</u>
	Date: <u>11/19/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>PVC 4"</u>		
<u>CASING PERFORATING</u>		<u>18.72</u>	<u>✓</u>
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>29.80</u>		
# of batches prepared	<u>1</u>		
For each batch record:			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>188</u>		
Cement type	<u>portland</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>	<u>29.80</u>	
Volume of grout used (gal.)	<u>45</u>		
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:
INSPECTOR:
DATE/TIME:
WELL ID.:

college point
NH
11/9/18
DEC-48

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-48

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

TN Grass Area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

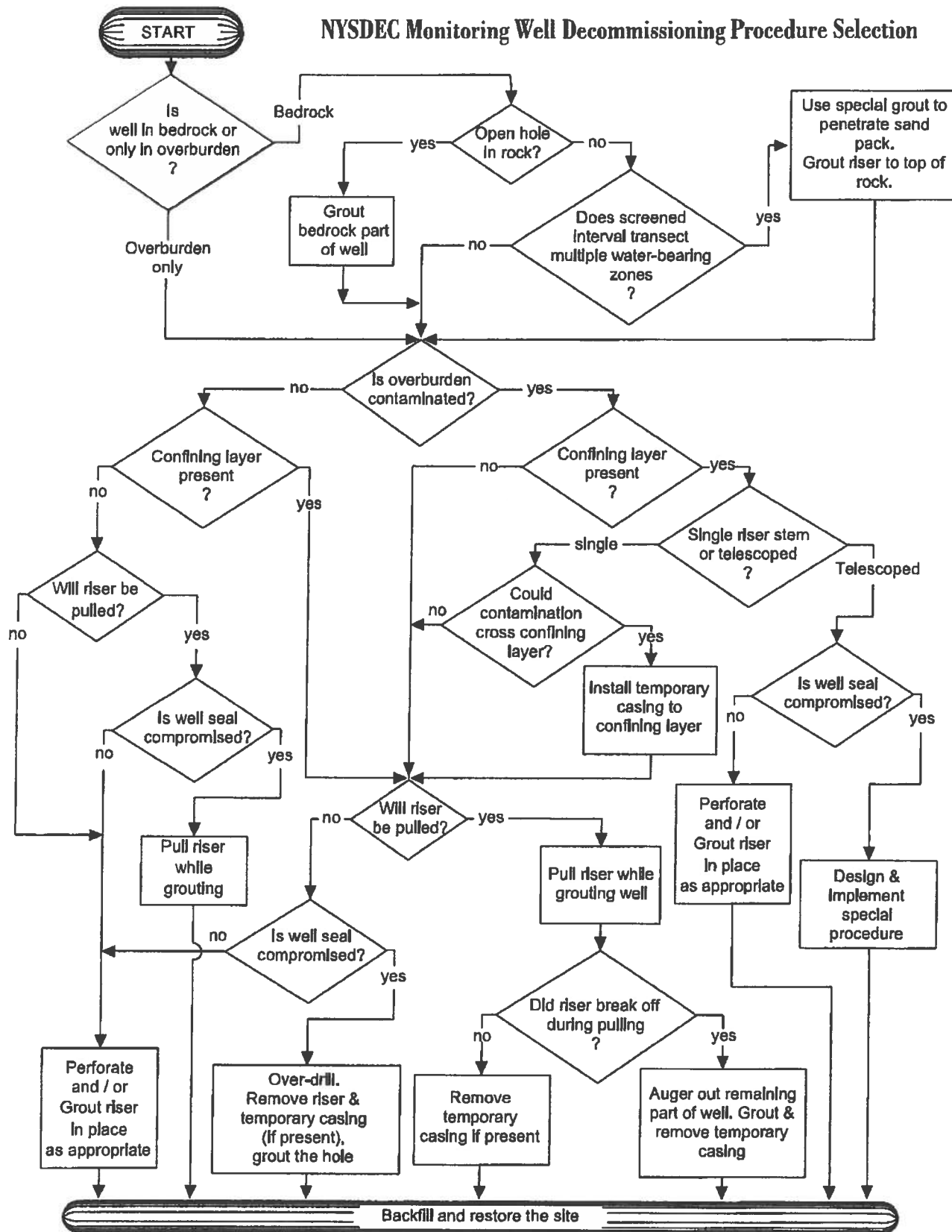


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>DEC-48</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>NA</u>
	Date: <u>11/9/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>4" PVC</u>		
<u>CASING PERFORATING</u>			
Equipment used		<u>15.60</u>	<u>24</u>
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>24.45</u>		
# of batches prepared	<u>1</u>		
For each batch record:			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>180</u>		
Cement type	<u>Portland</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>	<u>24.45</u>	
Volume of grout used (gal.)	<u>45</u>		
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:
INSPECTOR:
DATE/TIME:
WELL ID.:

College Point
MT
11/11/10
SVE-4

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: SVE-4

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

0 ppm
MT
—

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	X
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

9.30
0.14
4"
PVC
Good
—

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt Parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

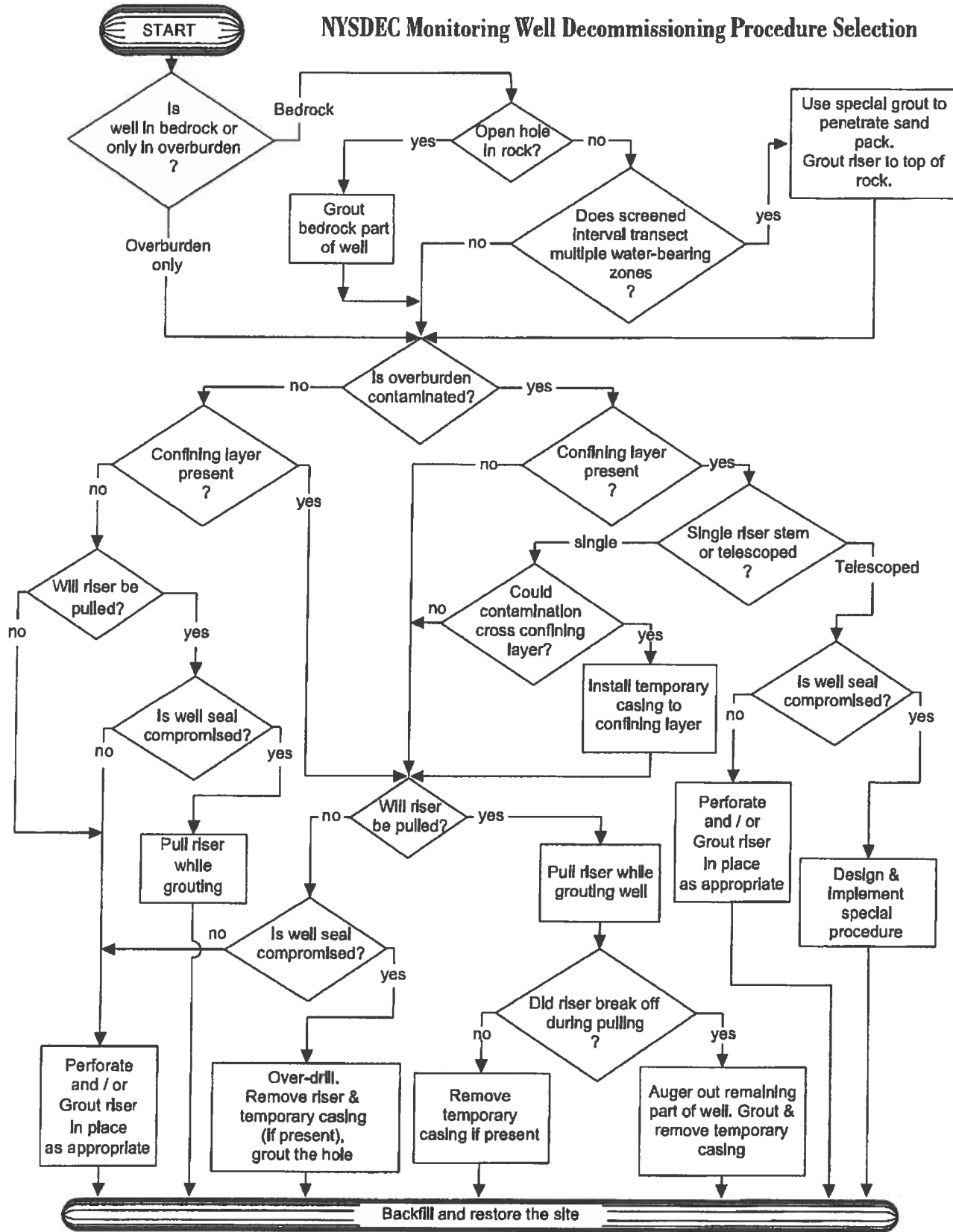


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>SVE-4</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/9/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet) 	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>PVC 4"</u>		
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>9.30</u>		
# of batches prepared	<u>1</u>		
<u>For each batch record:</u>			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>148 lb</u>		
Cement type	<u>PORTLAND</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>		
Volume of grout used (gal.)	<u>45</u>		

COMMENTS:

* Sketch in all relevant decommissioning data, including:
interval overdrilled, interval grouted, casing left in hole,
well stickup, etc.

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:
INSPECTOR:
DATE/TIME:
WELL ID.:

College Point
NA
11/21/13
DEC-49

WELL VISIBLE? (If not, provide directions below)
WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☒	☐
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-49

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
☒	☐
☒	☐
☒	☐

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0 ppm
NA

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

YES	NO
☐	☒
☐	☒
☐	☒
☐	☒
☒	☐

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

22.80
12.90
4" PVC
Good

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt Driveway

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

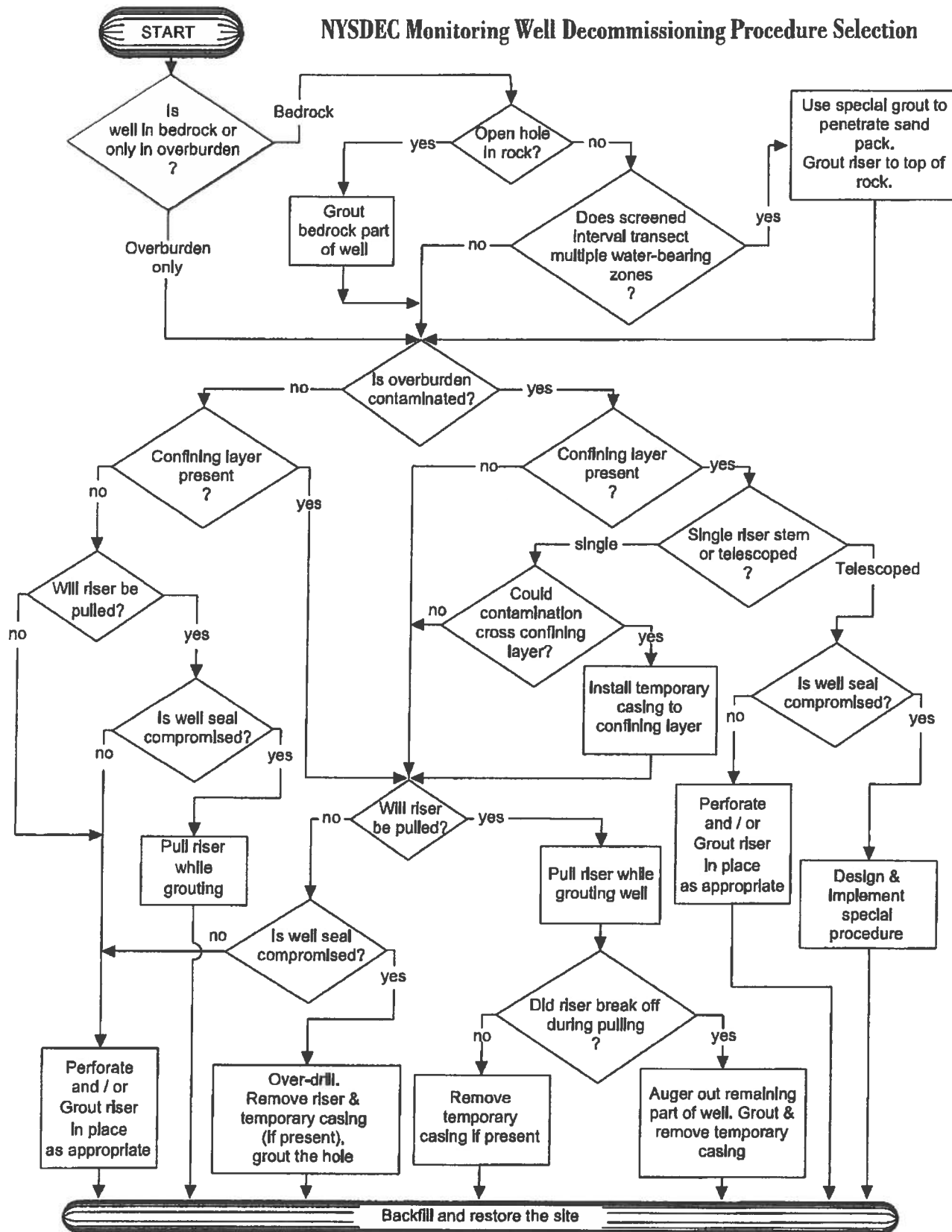


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Pk. 71</u>	Well I.D.: <u>DEC-49</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/9/11</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>21</u>		
Casing type/dia. (in.)	<u>4" PVC</u>		
CASING PERFORATING			
Equipment used		<u>12.90</u>	<u>✓</u>
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBS)	<u>22.20</u>		
# of batches prepared	<u>1</u>		
For each batch record:			
Quantity of water used (gal.)	<u>60</u>		
Quantity of cement used (lbs.)	<u>180</u>		
Cement type	<u>portland</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)	<u>30</u>		
Volume of grout used (gal.)	<u>60</u>	<u>22.20</u>	
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

College Point
MT
11/9/18
SVE-01

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
☒	☐
☒	☐
☒	☐

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: SVE-01

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
☒	☐
☒	☐
☒	☐

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0.87
NA

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
☐	☒
☐	☒
☐	☒
☒	☒

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

8.82
Dry
4"
PVC
Good
NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt Parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

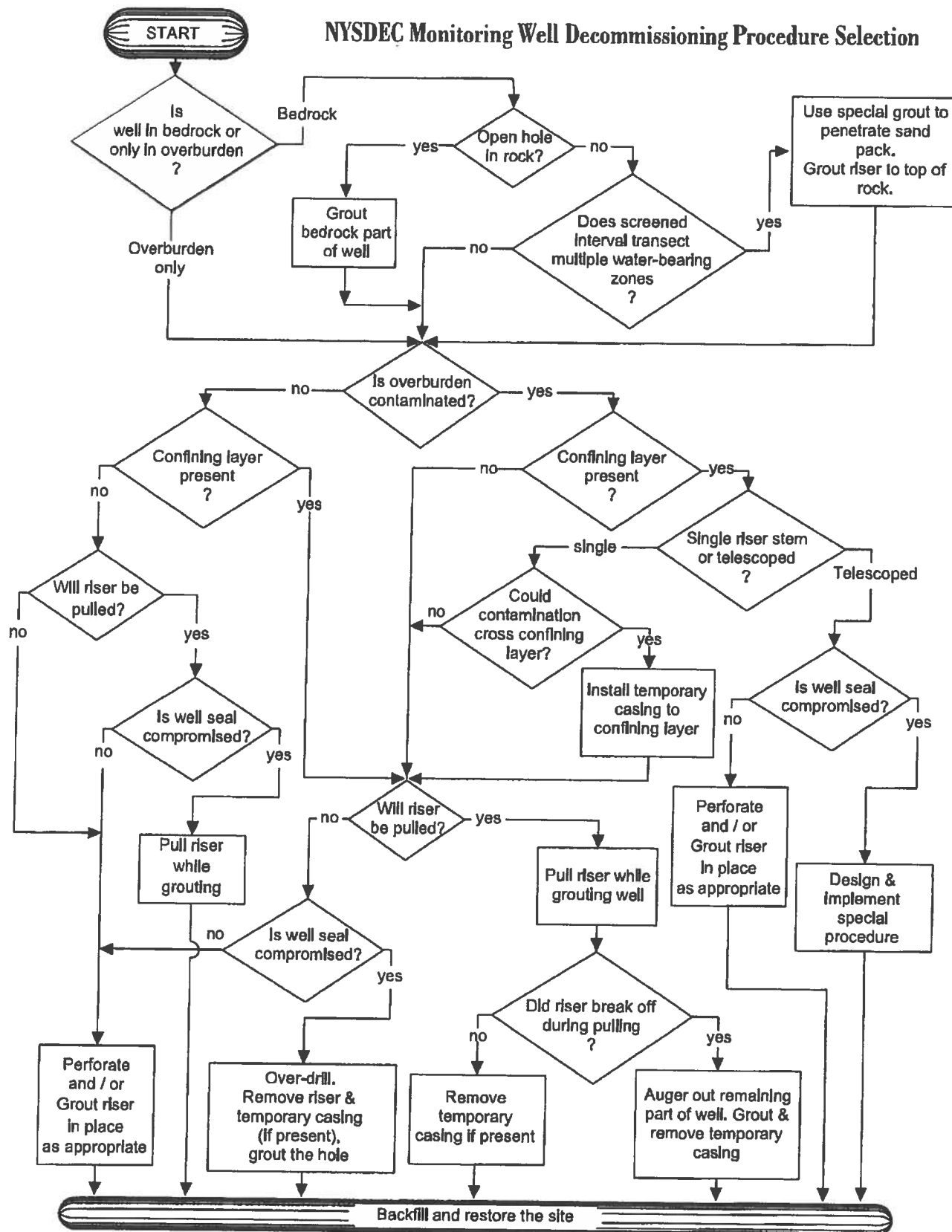


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>college point</u>	Well I.D.: <u>SVE-01</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>mt</u>
	Date: <u>11/9/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>21</u>		
Casing type/dia. (in.)	<u>4" pvc</u>		
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>0-82</u>		
# of batches prepared	<u>1/2</u>		
For each batch record:			
Quantity of water used (gal.)	<u>22</u>		
Quantity of cement used (lbs.)	<u>139</u>		
Cement type	<u>Portland</u>		
Quantity of bentonite used (lbs.)	<u>3</u>		
Quantity of calcium chloride used (lbs.)	<u>—</u>		
Volume of grout prepared (gal.)	<u>22</u>		
Volume of grout used (gal.)	<u>22</u>		

COMMENTS:

* Sketch in all relevant decommissioning data, including:
interval overdrilled, interval grouted, casing left in hole,
well stickup, etc.

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

college point
NA
11/9/10
DEC 44

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-44		
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED.....		0 PPM
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		NA
PROTECTIVE CASING MATERIAL TYPE:		NA
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): NA		
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?	X	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 24.70		29.00
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 14.81		16.81
MEASURE WELL DIAMETER (Inches): 4		4"
WELL CASING MATERIAL:		PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:		Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....		NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In Asphalt parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

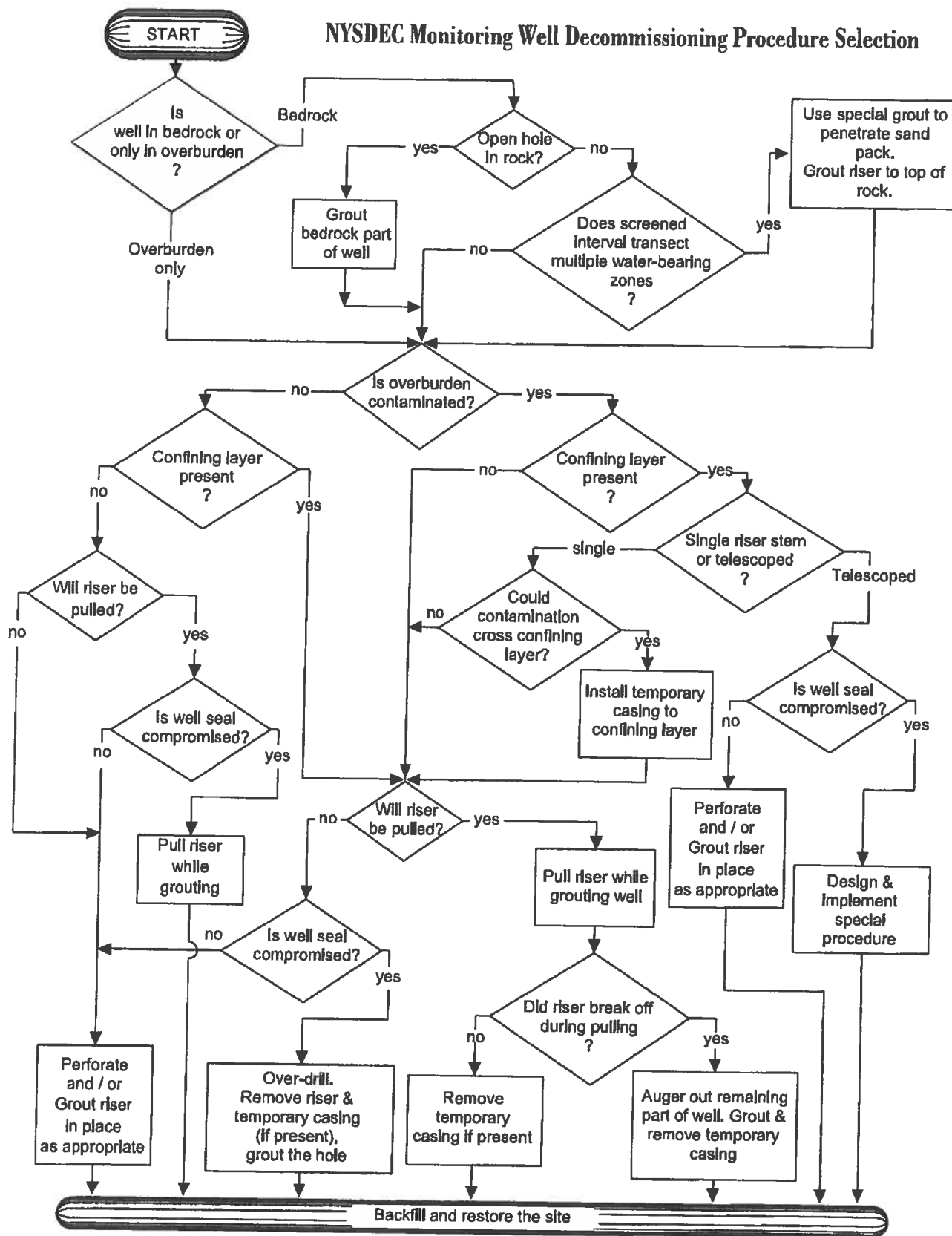


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>college point</u>	Well I.D.: <u>DEC-44</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MT</u>
	Date: <u>11/9/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>4" PVC</u>		
<u>CASING PERFORATING</u>		<u>16.31</u>	<u>1/</u>
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>24.70</u>		
# of batches prepared	<u>1</u>		
<u>For each batch record:</u>			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>1848</u>		
Cement type	<u>PORTLAND</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>	<u>23.00</u>	
Volume of grout used (gal.)	<u>45</u>		
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor _____

Department Representative _____

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

College Point
NA
11/11/08
DEC-45

WELL VISIBLE? (If not, provide directions below)

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-45

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0 ppm
NA
NA

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	X
	X
	X
	X
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

24.70
14.81
2"
PVC
Good
NA
NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In Asphalt Parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

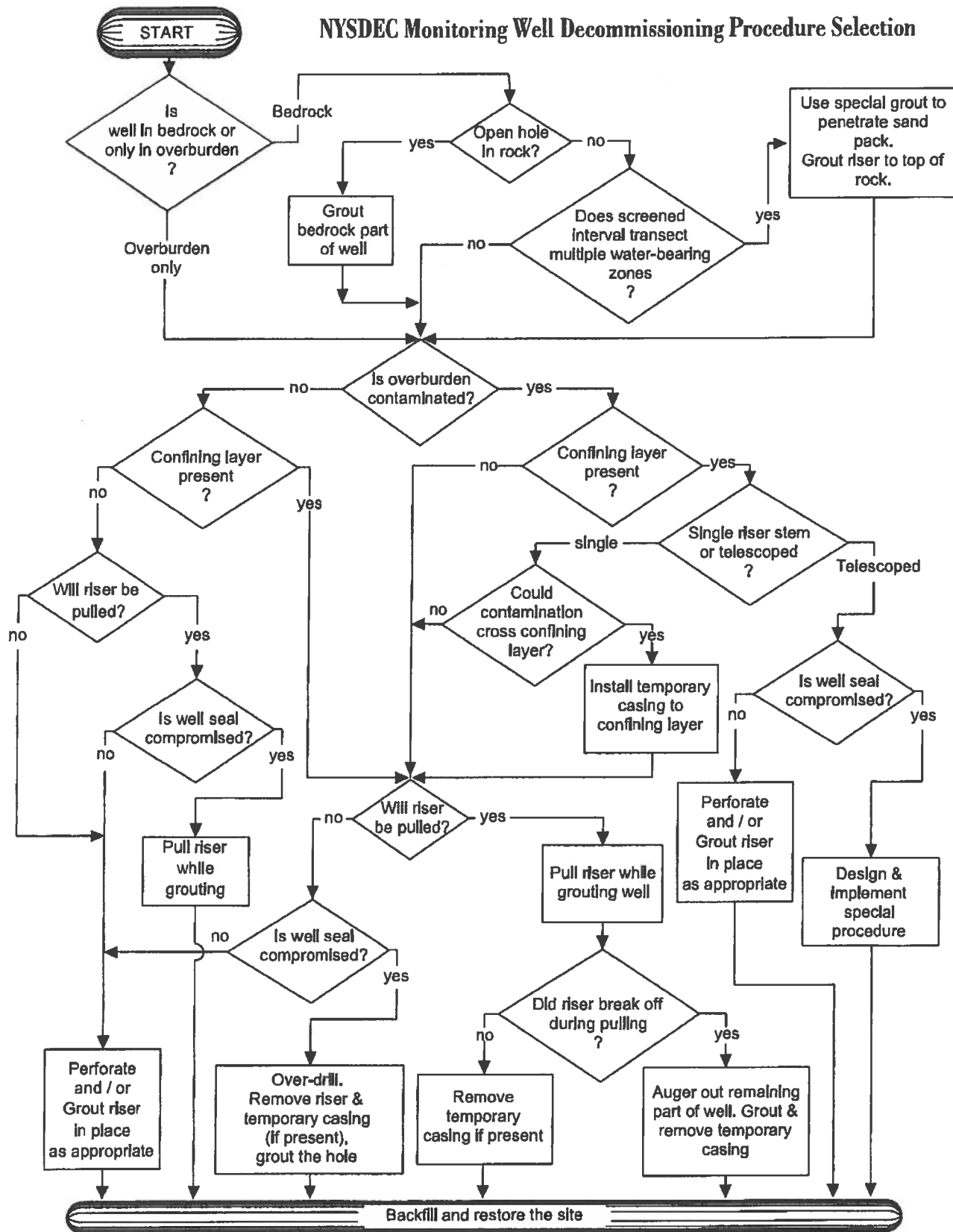


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point</u>	Well I.D.: <u>DEC-45</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/9/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2"</u>		
Casing type/dia. (in.)	<u>2" PVC</u>		
CASING PERFORATING		<u>14.81</u>	
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLs)	<u>24.70</u>		
# of batches prepared	<u>1</u>		
For each batch record:			
Quantity of water used (gal.)	<u>45</u>		
Quantity of cement used (lbs.)	<u>188</u>		
Cement type	<u>Portland</u>		
Quantity of bentonite used (lbs.)	<u>5</u>		
Quantity of calcium chloride used (lbs.)	<u>-</u>		
Volume of grout prepared (gal.)	<u>45</u>		
Volume of grout used (gal.)	<u>156.45</u>	<u>24.70</u>	
COMMENTS:		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

FIGURE 1

SITE NAME:

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.:

INSPECTOR:

DATE/TIME:

WELL ID.:

MA
11/27/18
DEC-43

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: DEC-43		
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED..... 0 ppm		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) NA		
PROTECTIVE CASING MATERIAL TYPE: -		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 211		
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?	X	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 18.61		
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 12.12		
MEASURE WELL DIAMETER (Inches): 211		
WELL CASING MATERIAL: PVC		
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....		

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt parking lot

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

NA

REMARKS:

Figure 2

NYSDEC Monitoring Well Decommissioning Procedure Selection

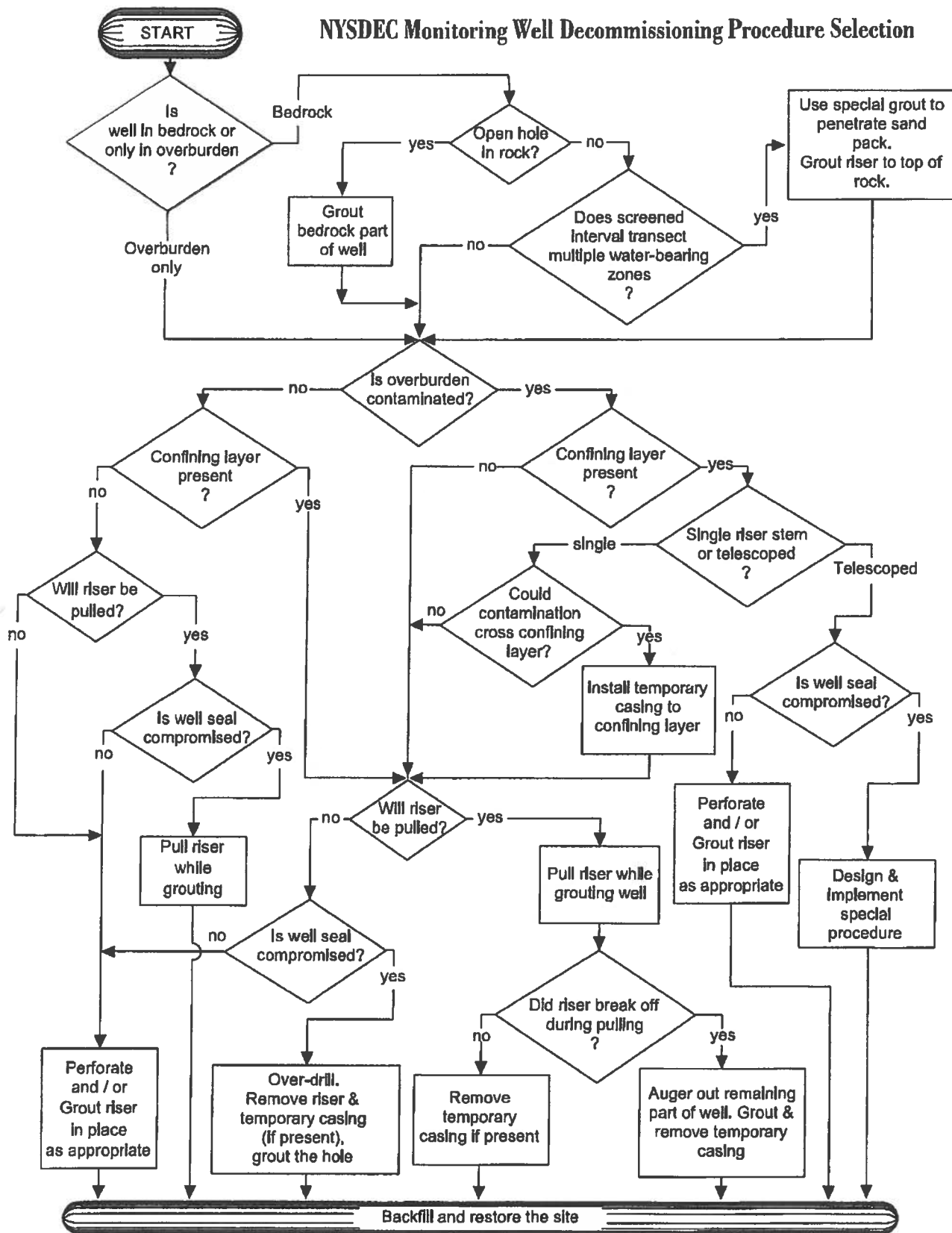


FIGURE 2

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>College Point TR-3</u>	Well I.D.: <u>DEC-43</u>
Site Location:	Driller:
Drilling Co.:	Inspector: <u>MA</u>
	Date: <u>11/27/18</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed	<u>Hand</u>		
Casing retrieved (feet)	<u>2'</u>		
Casing type/dia. (in.)	<u>2" PVC</u>		
<u>CASING PERFORATING</u>			
Equipment used		<u>12.12</u>	
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)	<u>18.61</u>		
# of batches prepared	<u>1</u>		
For each batch record:			
Quantity of water used (gal.)	<u>17</u>		
Quantity of cement used (lbs.)	<u>23</u>		
Cement type	<u>PORTLAND</u>		
Quantity of bentonite used (lbs.)	<u>1</u>		
Quantity of calcium chloride used (lbs.)	<u>NA</u>		
Volume of grout prepared (gal.)	<u>17</u>	<u>18.61</u>	
Volume of grout used (gal.)	<u>17</u>		

COMMENTS:	* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor _____

Department Representative _____

11/27/18



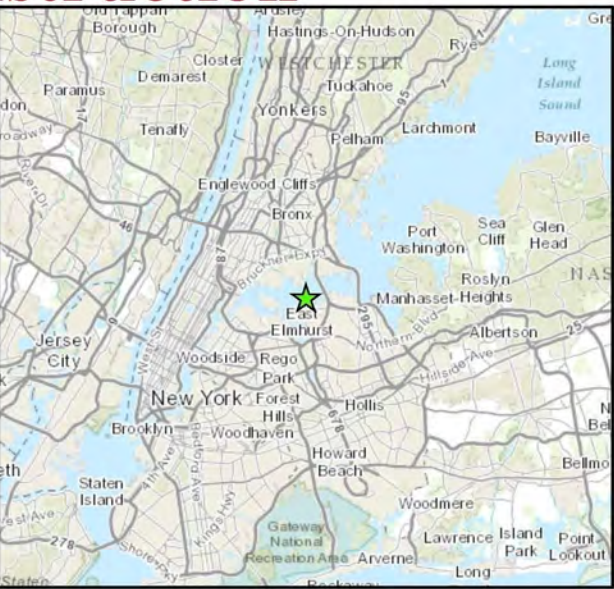
**SG Points
Abandoned To Date**
**SG Points
Abandoned During Excavation**
**SG Points Abandoned
Prior to IRM Construction**
**SG Points Paved Over
Prior to IRM Construction**
**SG Point Buried
Prior to IRM
Construction and
Deemed
Inaccessible**

Figure 2

Legend

- Existing Soil Vapor Point
- Deep (8 ft. bg.) Soil Vapor Point
- Shallow (3 ft. bg.) Soil Vapor Point
- Well

Location in Queens County, New York



NOTES:
1. AERIAL IMAGERY FROM NOAA, 2013.

DRAFTED BY: AGS	SOIL VAPOR POINT LOCATIONS		
CHECKED BY:	COLLEGE POINT 3 COLLEGE POINT QUEENS COUNTY, NY 11356 SITE ID # 241122		
REVIEWED BY:			
	 5 OLD DOCK ROAD, YAPHANK, NY 11980		
	SCALE 0 40 80 Feet	DATE 2/18/2015	FIGURE 3