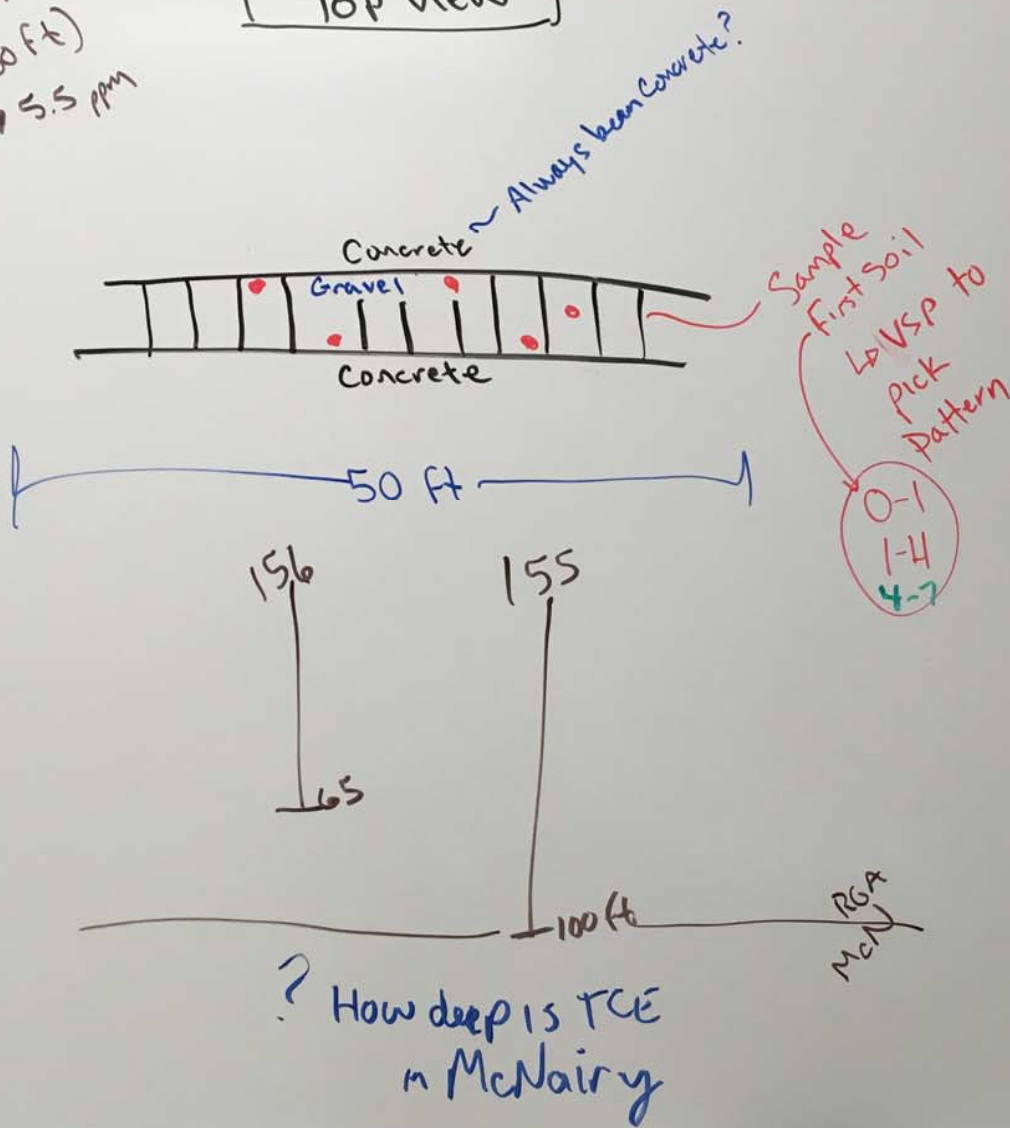


156 (65 ft)
 47 → 8 ppm
 155 (100 ft)
 21 → 5.5 ppm

RR Tracks
 Top View



- PAH Associated w/RR reg status
- Aerial photo of RR tracks
- Which wells will we monitor for Tc 99
- Where is Tc 99 in GW?
 > detect < 900 pCi/l
 - well 092 Hit 400+ uCRS
- Np 237 in Sector 4
- Do we need a soil sample @ RGA/McNairy interface
- How much contingency & basis
- what is approach for using field methods (MIP)

Contingency Approach (DURING FIELD EFFORT)

Sample Defined Locations (one per 50 ft grid @ targeted locations)

→ MIP/DYE-LIF calibration
- multiple locations

- 3 party decision
- when/how

↳ Need additional bounding of extent via field methods?

↳ Fill-in data gaps (Decision rules?)
- MIP TCE Y/N
- DYE-LIF DNAPL

→ Contingency borings

→ Contingency samples

Water Samples in gravel

- 3, 4, 22, 39 (or other Northern location w/water)

- Full suite

→ 3, 4 close to footer *

GEO TECHNICAL LOCATIONS

- 3 locations 24, 30, 34
- ALL GEO TECH PARAMETERS
- Move 2-6 to 2-3 for geotech

- How much con
- APPROACH TO
- Dioxin S
- End Sta
- Sector 1
- PAH ASSOC
- Add PCP to
- Which we for
- Where
- Alternate Sam & pore
- Down
- where wi be docu
- K25 analyte location

5x Contingency
 Already Planned
 NEW

VOA (ALL)
 Geotech

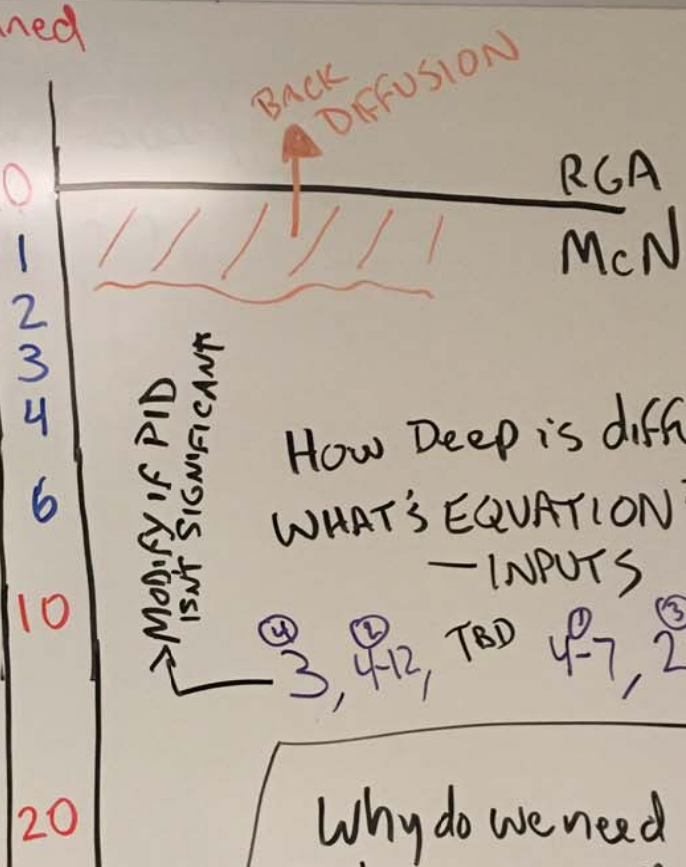
McN MASS INPUT 20

5 McN 1ft

+ McN 0/10/20

+ MIP/DYE-LIF

+ CONTINGENCY



How Deep is diffusable?
 WHAT'S EQUATION?

- INPUTS
 ④ 3, ① 4-12, TBD ② 4-7, ③ 28

Why do we need
 Soil Samples in McN?
 • Define Mass in McN
 ↳ BACK DIFF
 ↳ RGA Action
 ↳ McN Action
 • GEO TECH

- How
 - APPR
 - Dic
 - En
 - Se
 - PAH
 - Add
 - Wh
 - W
 - Alter
 - D
 - wh
 be
 - K25

GROUNDWATER

Which existing wells will
be sampled during RI?
- Rehab required?

Basement
INV METHODS
RISK
MISC
DEFS
NEXT STEPS

BASEMENT RAD SURVEY

• RAD EQUIPMENT - RESEND EMAIL (TP)

• WHAT EQUIP USED FOR PAST (CW)

• HOW MUCH SURFACE AREA SURVEYED?

• VISUAL INDICATORS

• UNDISTURBED AREAS

• AREAS OF INTEREST FROM MONTHLY

• WHERE WALLS MEET FLOORS

TARGETED
- NOT %

PROCESS
SHARED
VIA SAP

• BASEMENT IS CA (contamination Area)

• NOT A MARRSIM APPROACH

• USED TO DIRECT SAMPLING

Bore Scoping

- PLAN IN SAP
- Try to scope all
- Priority for TCE routes
- Sample "contents" if possible
- Need to log location (audio, timer, distance)

Material under dip tanks

Pics of drains under dip tanks

} T.P.
Follow up

IRAU METHODS

RISK
MISC
DEFS
NEXT STEPS

WP will describe Screening of core for Sample collection

- MAX PID, MAX RAD, METALS?
VISUAL CUES } GAMMA ONLY
- No correlation Tc 99 to gross beta

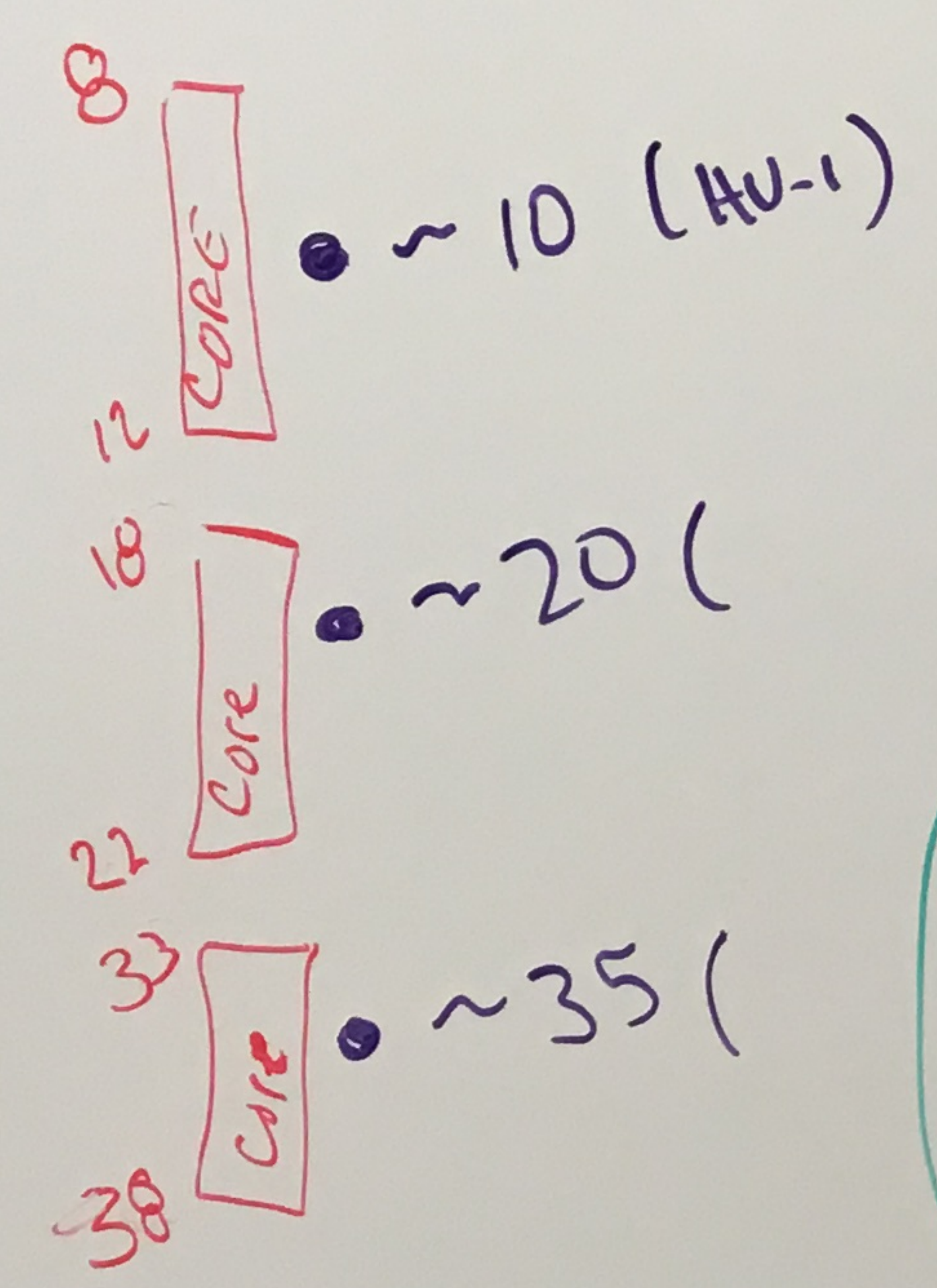
- Need to sort out sampling strategy
if diff high PID & Rad screens
 - VOC/SVOC/PCB @ high PID
 - RAD/METALS @ HIGH RAD

-
- POINT TO RELEVANT BIO Reports (LINK)
 - Total Chlorine

INW METHODS

RISK
MISC
DEFS
NEXT STEPS

Soil Grid



How will we pick discrete depth?
 - field indicator?
 Screen Coring? - YES
 - RAD, VOA

SCREEN EACH CORE
 - SAMPLE "HIGH" layers
 - Rad vs. VOA?
 Get at least one sample from each HU

Clarify this week

- Which wells will we monitor for Tc 99
- Where is Tc 99 in GW?
 > detected: < 900 pCi/l
- Np 237 in Sector 4
- Do we need a soil sample @ RGA/McNairy interface
- How much contingency & basis
- what is approach for using field methods (MIP)
- BEN-NE extractor wells

CONTINGENCY SAMPLING

- MIP - Split distance to next boring

- Use of XRF in soil composite grids
 - Screen surface soils in grids not getting a sample for lab analysis

Methods to sample RGA

Problem - Turbid water (invalid)

- No soil

WANT SOIL sample w/pore water intact

- EVA info

RISK
MISC
DEFS
NEXT STEPS

- How much Contingency & BASIS (WP)
- END STATE ELECTRICAL FEED (6/21)
- How do we deal with contamination along RR tracks from RR materials
 - Exemptions (WP)
 - precedent (WP)
- K25 analytes for GLIT locations (6/21)

- Which wells will we monitor for Tc 99
- Where is Tc 99 in GW?
 - > detect < 900 pCi/l
 - well 092 Hit 400+ uCRS
- Mini wells below BLDG

ARARS

- Get feedback / input during RI phase
- WP - Generic ARAR category description

Duct
Work STAYS
DRY TRAR

- How much Contingency & BASIS (WP)
- END STATE ELECTRICAL FEED (6/21)
- How do we deal with Contamination along RR tracks from RR materials
 - Exemptions
 - precedent (RI/FS Report)
- K25 analytes for GLIT locations (POST # in WP)

ARARS

How to get valid
GW results for Metals

- Which wells will we monitor for Tc 99
- Where is Tc 99 in GW?
 - > detect < 900 pCi/l
 - well 092 Hit 400+ uCRS
- Mini wells below BLDG

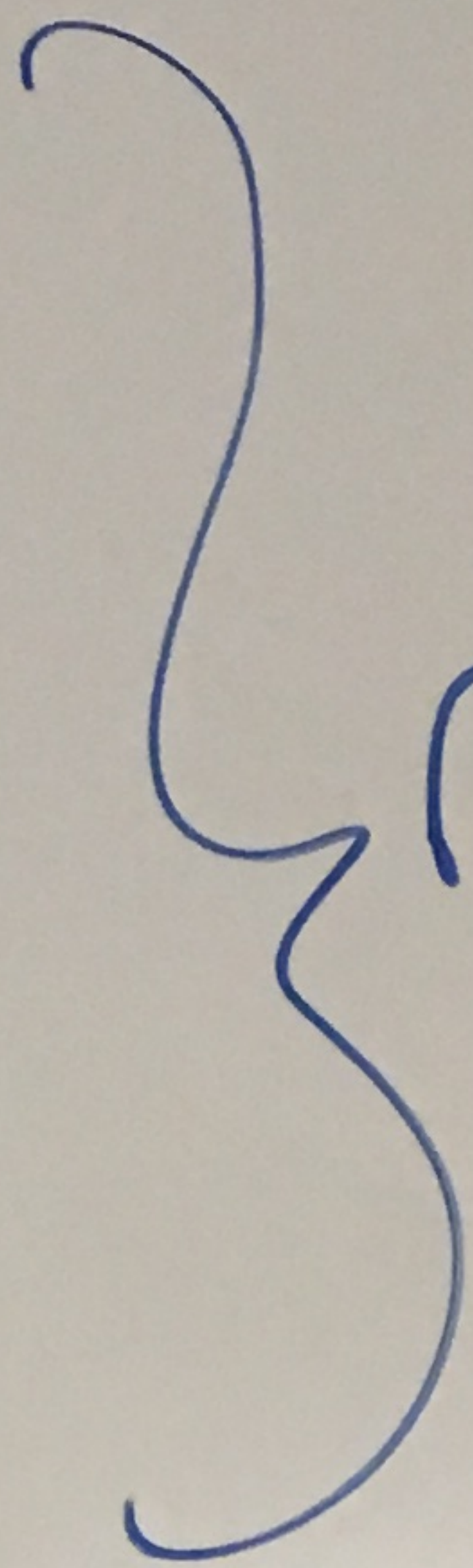
Kd UCRS & McNairy

V

TCE

Tc 99

PCB



MODIFY IF NECESSARY
Based on initial data
collected

Likely ASTM Batch test
but consider "overdrill"
field approach.