

Soil Investigation

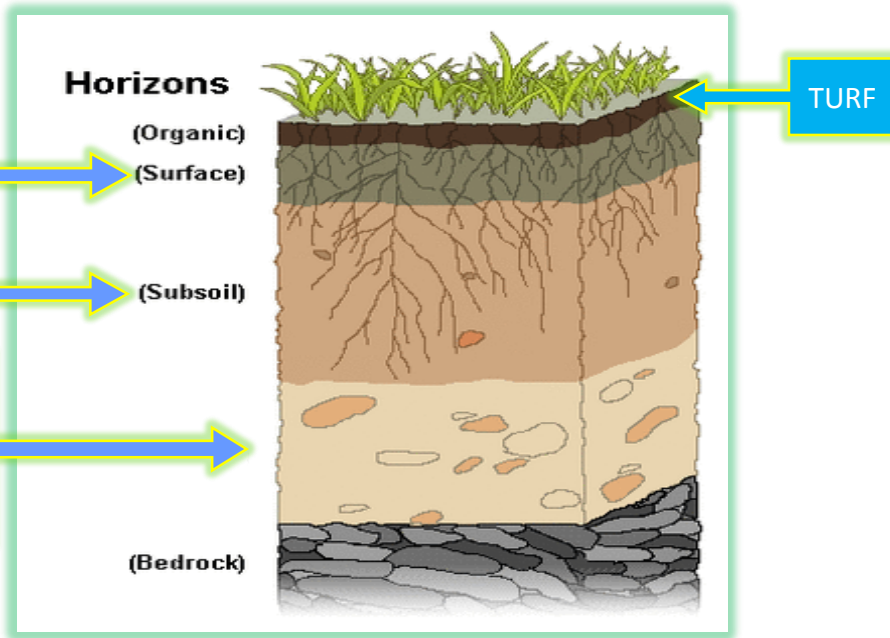
SOIL SAMPLING INTERVALS

0-2" BELOW TURF

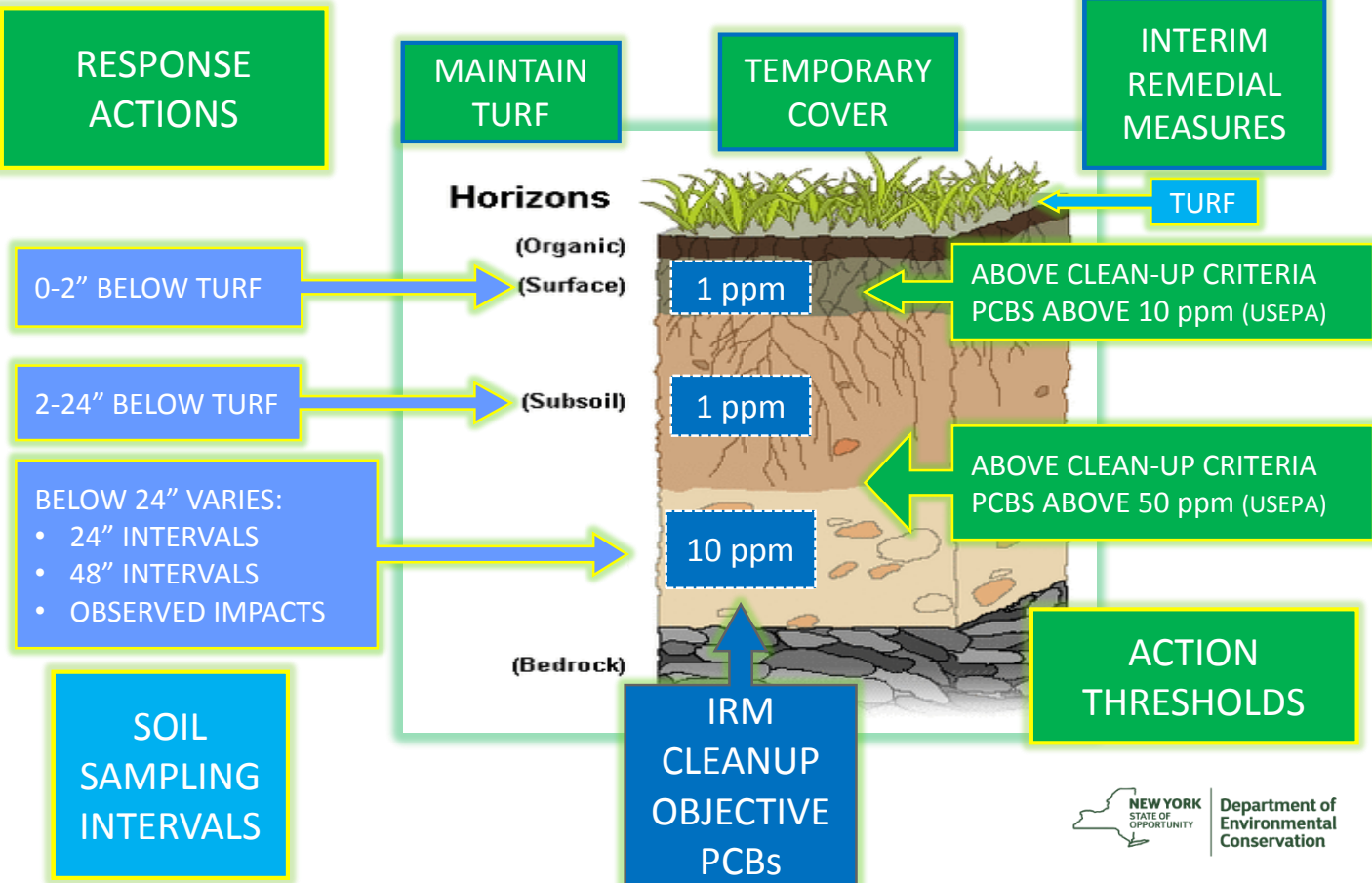
2-24" BELOW TURF

BELOW 24" VARIES:

- 24" INTERVALS
- 48" INTERVALS
- OBSERVED IMPACTS



Temporary & Interim Response Actions



Primary Contaminants at EHS

SOIL

POLYCHLORINATED
BIPHENYLS (PCBs)

METALS – ARSENIC,
LEAD, NICKEL

SEMI-VOLATILE ORGANIC
COMPOUNDS (SVOCs)

VOLATILE ORGANIC
COMPOUNDS (VOCs)

INDUSTRIAL USE

OILs

PLATING

OILs
FUEL

METAL
CLEANING
SOLVENT

KEY CHARACTERISTICS

- BELOW TURF / PAVEMENT / BUILDING COVER
- DO NOT MIGRATE TO GROUNDWATER / SOIL VAPOR / INDOOR AIR

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- BELOW TURF / PAVEMENT COVER
- DISCRETE AREAS IN GROUNDWATER DEFINED

- BELOW TURF / PAVEMENT COVER
- DISCRETE AREAS IN GROUNDWATER DEFINED
- MIGRATION TO INDOOR AIR MITIGATED

Soil Impacts & Response Actions at EHS 2000-2003

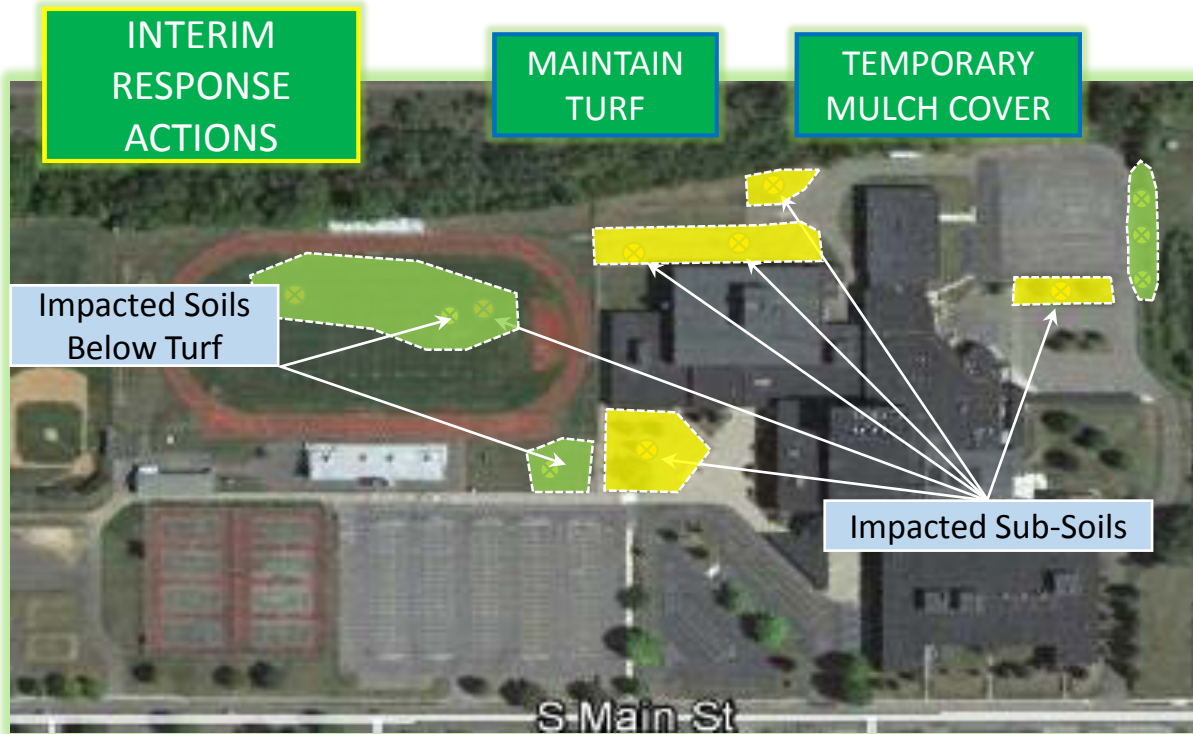
SCHOOL DISTRICT
RESPONSE
ACTIONS

MAINTAIN
TURF

SOIL
MANAGEMENT



Soil Impacts & Response Actions at EHS 2014-2015



Soil Impacts & Response Actions at EHS 2016-2018

INTERIM
RESPONSE
ACTIONS

MAINTAIN
TURF

TEMPORARY
MULCH COVER

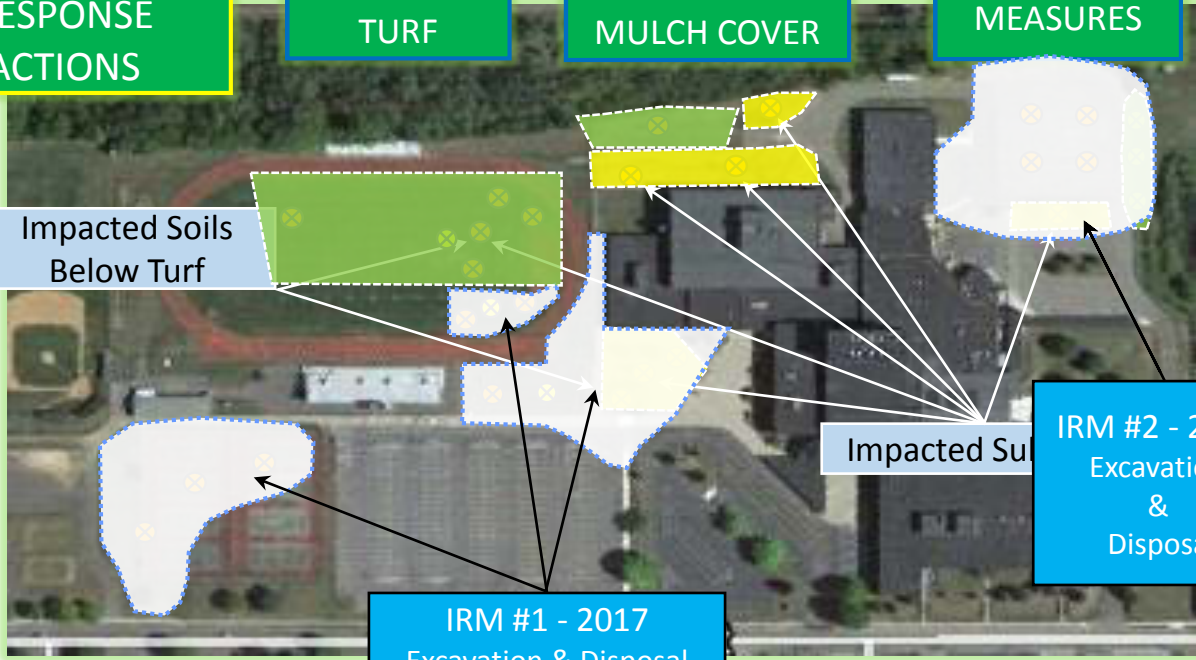
INTERIM
REMEDIAL
MEASURES

Impacted Soils
Below Turf

Impacted Soil

IRM #2 - 2018
Excavation
&
Disposal

IRM #1 - 2017
Excavation & Disposal
Temporary Soil Cover



Soil Impacts & Response Actions at EHS 2018 & Beyond

2018
PRE-DESIGN
INVESTIGATION

IRM #3 - 2019
Excavation & Disposal
LIMITS TO BE DETERMINED

IRM #4 – BEYOND 2019
Excavation & Disposal
LIMITS TO BE DETERMINED

IRM #2 - 2018
Excavation
&
Disposal

IRM #1 - 2017
Excavation & Disposal
Temporary Soil Cover

