

Urban Agriculture &
Green Infrastructure:
PHILADELPHIA

THE CITY OF PHILADELPHIA

MAYOR'S OFFICE OF
SUSTAINABILITY

PHILADELPHIA
WATER
EST. 1801



Neighborhood
Gardens
Trust



PHILADELPHIA
FOOD POLICY
ADVISORY COUNCIL



PHILADELPHIA
PARKS &
RECREATION



PHILADELPHIA
REDEVELOPMENT
AUTHORITY



BRSinc

BCONE
Brownfield Coalition
of the Northeast



NSCW
2016

Northeast
SUSTAINABLE
Communities
Workshop

THE CITY OF PHILADELPHIA

**MAYOR'S OFFICE OF
SUSTAINABILITY**



**Soil Safety and Urban Gardening in
Philadelphia**

Process Report and Recommendations
to the City of Philadelphia



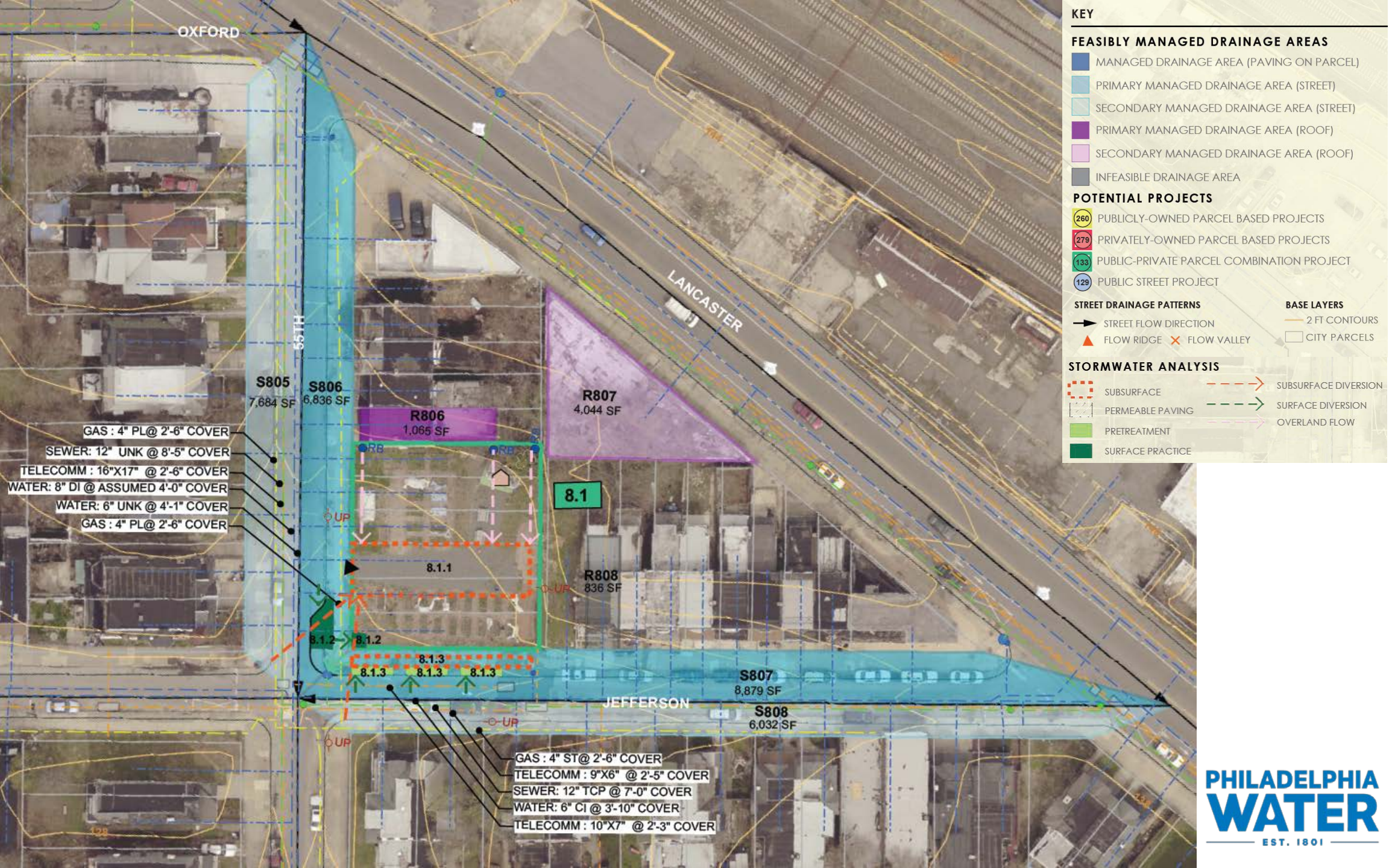




Neighborhood
Gardens
Trust







OXFORD

LANCASTER

JEFFERSON

S805
7,684 SF

S806
6,836 SF

R806
1,065 SF

R807
4,044 SF

8.1

R808
836 SF

S807
8,879 SF

S808
6,032 SF

GAS : 4" PL @ 2'-6" COVER

SEWER : 12" UNK @ 8'-5" COVER

TELECOMM : 16"X17" @ 2'-6" COVER

WATER : 8" DI @ ASSUMED 4'-0" COVER

WATER : 6" UNK @ 4'-1" COVER

GAS : 4" PL @ 2'-6" COVER

GAS : 4" ST @ 2'-6" COVER

TELECOMM : 9"X6" @ 2'-5" COVER

SEWER : 12" TCP @ 7'-0" COVER

WATER : 6" CI @ 3'-10" COVER

TELECOMM : 10"X7" @ 2'-3" COVER

KEY

FEASIBLY MANAGED DRAINAGE AREAS

- MANAGED DRAINAGE AREA (PAVING ON PARCEL)
- PRIMARY MANAGED DRAINAGE AREA (STREET)
- SECONDARY MANAGED DRAINAGE AREA (STREET)
- PRIMARY MANAGED DRAINAGE AREA (ROOF)
- SECONDARY MANAGED DRAINAGE AREA (ROOF)
- INFEASIBLE DRAINAGE AREA

POTENTIAL PROJECTS

- 260 PUBLICLY-OWNED PARCEL BASED PROJECTS
- 279 PRIVATELY-OWNED PARCEL BASED PROJECTS
- 133 PUBLIC-PRIVATE PARCEL COMBINATION PROJECT
- 129 PUBLIC STREET PROJECT

STREET DRAINAGE PATTERNS

- STREET FLOW DIRECTION
- FLOW RIDGE
- FLOW VALLEY

BASE LAYERS

- 2 FT CONTOURS
- CITY PARCELS

STORMWATER ANALYSIS

- SUBSURFACE
- PERMEABLE PAVING
- PRETREATMENT
- SURFACE PRACTICE
- SUBSURFACE DIVERSION
- SURFACE DIVERSION
- OVERLAND FLOW

Decision Flowchart for the Use of Stormwater Infiltration at Brownfield Sites

