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**CALGreen One or Two Family Residential Project Mandatory and Tier1 Requirements**

**County of Santa Clara**
A. CONSTRUCTION WASTE MANAGEMENT PLAN IS PROVIDED. THE CONSTRUCTION WASTE MANAGEMENT PLAN IS REQUIRED TO BE PREPARED AND SUBMITTED TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RENEWABLE RESOURCES OF THE STATE OF CALIFORNIA. THE PLAN MUST BE APPROVED BY THE DEPARTMENT. THE PLAN MUST INCLUDE THE FOLLOWING:

1. IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DISPOSED OF OR RECYCLED OR REUSED. THE PLAN MUST SPECIFY THE QUANTITIES OF CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE GENERATED DURING THE PROJECT OF SALVAGE FOR FUTURE USE OR SALE.

2. SPECIFY THE CONSTRUCTION WASTE MANAGEMENT PLAN WILL BE IMPLEMENTED, AND THE SPECIFIC WASTE MANAGEMENT PLAN WILL BE PLACED IN THE CONTRACT.

3. IDENTIFY CONSTRUCTION WASTE MANAGEMENT PLAN SPECIFIC TO THE CONTRACT.

4. SPECIFY THE PLAN FOR THE DISPOSAL OF CONSTRUCTION WASTE MATERIALS WILL BE REPORTED TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RENEWABLE RESOURCES OF THE STATE OF CALIFORNIA.

B. A WASTE MANAGEMENT COMPANY CAN BE UTILIZED IF APPROVED BY THE CONTRACTING AUTHORITY. THE COMPANY MUST BE LICENSED AND INSURED.

C. DOCUMENTATION WILL BE PROVIDED TO THE COUNTY OF SANTA CLARA, WHICH DEMONSTRATES COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

D. AT THE TIME OF FINAL INSPECTION, A MANUAL, COPIED DISC, WEB-BASED TRAINING OR OTHER MEDIA ACCEPTABLE TO THE COUNTY OF SANTA CLARA INCLUDES ALL THE REQUIRED DOCUMENTATION, SHALL BE PLACED IN THE BUILDING. THE DOCUMENTATION MUST BE RETAINED FOR A PERIOD OF 10 YEARS.

E. THE PROJECT SHALL BE CONSIDERED COMPLETED AT THE TIME OF FINAL INSPECTION. DESTRUCTION OF NONCOMPLIANCE INFORMATION AND DOCUMENTATION PERIODICALLY AND VISIBLY MARKED AS "OU COMPLIED".

F. ALL DESIGNATED TECHNOLOGIES TO BE USED FOR THE PROJECT SHALL HAVE APPROPRIATE FLUORESCENT FILTERS. FLUORESCENT FILTERING IS REQUIRED TO REDUCE THE RISK OF EXPOSURE TO POTENTIALLY HARMFUL SUBSTANCES IN LUMINOUS MATERIAL AND EQUIPMENT. ALL LIGHTING FIXTURES OF THE BUILDING SHALL BE QUALIFIED TO THE LOCAL mỗi AND MILITARY REGULATIONS.

G. THE EFFECTIVE VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. "NO FLUSH" WATER CLOSET SHALL BE CONSIDERED TO MEET THE PERFORMANCE CRITERIA OF THE U.S. EPA WATER SAVINGS SPECIFICATION FOR TYPE-T WASTE DISPOSAL.

H. SHOWERHEADS SHALL BE DESIGNED TO HAVE A MAXIMUM FLOW RATE OF NOT More THAN 2.5 GALLONS PER MINUTE. THE DESIGN SHALL BE CONSIDERED TO MEET THE PERFORMANCE CRITERIA OF THIS REQUIREMENT.

D. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAUNDRY FIXTURES, AS DEFINED IN TABLE 11.2.1.4.1, IS LIMITS OF 2.5 GALLONS PER MINUTE AT THE TAP. THE MAXIMUM FLOW RATES OF RESIDENTIAL LAUNDRY FIXTURES SHALL NOT EXCEED 1.5 GALLONS PER MINUTE AT THE TAP. THE MAPPING FLOW RATE OF RESIDENTIAL LAUNDRY FIXTURES SHALL NOT EXCEED 0.75 GALLONS PER MINUTE AT THE TAP.

H. PLUMBING Fixtures and fittings shall be installed in accordance with the plumbing code, and plumber shall meet the applicable standards referenced in Table 11.4.1.3 of the California plumbing code.

I. RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH THE LOCAL WATER CONSERVATION ORDINANCE OR OTHER APPLICABLE LANDSCAPE MANAGEMENT PLAN, WHICH IS MORE STRINGENT.

J. NEWLY CONSTRUCTED RESIDENTIAL DEVELOPMENTS, WHICH DISCONNECT DIRECTLY TO THE SEWER SYSTEM, SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA WATER RESOURCES CONTROL BOARD'S WATER CONSERVATION ORDINANCE OR OTHER APPLICABLE LANDSCAPE MANAGEMENT PLAN, WHICH IS MORE STRINGENT.

K. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE/recycled. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE USED. THE PROJECT SHALL MEET THE REQUIREMENTS FOR MATERIALS EXCEEDING 15 PERCENT ROUGHNESS CONTENT. INSULATION PRODUCTS WHICH ARE VISIBLE BY OR HAVE A HIGH-PERCENTAGE CONTENT SHALL BE REPLACED OR ALUMINIZED TO IMPROVE INSULATION IN BUILDING. WATERTIGHT APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURER'S TESTING REQUIREMENTS PRIOR TO INSTALLATION.

L. THE AIR CONDITIONERS SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING:

M. AIR SHALL BE ENERGY STAR COOLING AND DUCTED TO THE OUTSIDE BUILDING.

N. UNLESS OTHERWISE REQUIRED IN A CERTIFICATE OF OCCUPANCY, AIR CONDITIONERS SHALL BE INSTALLED IN A CERTIFIED ROOM OR AIR HANDLING UNIT AND SHALL COMPLY WITH THE MANUFACTURER'S TESTING REQUIREMENTS PRIOR TO INSTALLATION.

O. HEAT PUMPS AND COOLING SYSTEMS SHALL BE EFFECTIVENESS 2 (E2) OR 3 (E3) AS DEFINED IN TABLE 11.7.2.3.4.2. THE PROJECT SHALL MEET THE REQUIREMENTS FOR MATERIALS ACCEPTABLE TO THE COUNTY OF SANTA CLARA TO REDUCE THE AMOUNT OF WATER, Duct AND ISOLATION, WHICH MIGHT ENTER THE SYSTEM.

O. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

P. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

Q. Plumbing fixtures and fittings shall be installed in accordance with the plumbing code, and plumber shall meet the applicable standards referenced in Table 11.4.1.3 of the California plumbing code.

R. RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH THE LOCAL WATER CONSERVATION ORDINANCE OR OTHER APPLICABLE LANDSCAPE MANAGEMENT PLAN, WHICH IS MORE STRINGENT.

S. NEWLY CONSTRUCTED RESIDENTIAL DEVELOPMENTS, WHICH DISCONNECT DIRECTLY TO THE SEWER SYSTEM, SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA WATER RESOURCES CONTROL BOARD'S WATER CONSERVATION ORDINANCE OR OTHER APPLICABLE LANDSCAPE MANAGEMENT PLAN, WHICH IS MORE STRINGENT.

T. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE USED. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE USED. THE PROJECT SHALL MEET THE REQUIREMENTS FOR MATERIALS ACCEPTABLE TO THE COUNTY OF SANTA CLARA TO REDUCE THE AMOUNT OF WATER, Duct AND ISOLATION, WHICH MIGHT ENTER THE SYSTEM.

U. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

V. architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

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X. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

Y. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.

Z. Architectural paints and coatings shall comply with VOC limits as shown in Table 11.2.1.4.3. The VOC limits shall not exceed the contents of the volatile organic compounds (VOC) in accordance with California Code of Regulation, Title 17, Section 11030.2.
Project Information

CALGreen 2019 NOTES – TIER 1 REQUIREMENTS:

1. A site which complies with at least one of the following requirements shall be selected:

   a. A birdffield site.
   b. A riparian buffer site.
   c. Any site that meets or exceeds the biodiversity criteria described in sections below 7.3 and 7.4.

2. FACILITATE COMMUNITY CONNECTIVITY by one of the following methods:

   a. Connect existing parcels or adjacent areas to any other habitat, green spaces, or open space.
   b. Provide buffer or riparian areas.
   c. Preserve existing vegetation.
   d. Protect new or existing wetlands.
   e. Protect or enhance natural features, such as streams,

Example of services included, but are not limited to, building, parks or schools, libraries, parks, community centers, green spaces, or business districts.

3. At least one of the following shall be installed on site: a. Water Conservation System
   b. Rainwater harvesting system
   c. greywater recycling system
   d. Desalination system
   e. Other methods of reducing waste heat associated with the use of energy-intensive equipment.

4. For each of the following, a program shall be installed:

   a. A program to reduce stormwater runoff.
   b. A program to reduce energy consumption.
   c. A program to reduce waste generation.
   d. A program to reduce the use of pesticides.

5. At least one of the following shall be installed on site:

   a. A program to reduce air pollution.
   b. A program to reduce noise pollution.
   c. A program to reduce water pollution.
   d. A program to reduce solid waste.

6. At least one of the following shall be installed on site:

   a. A program to reduce the use of plastic.
   b. A program to reduce the use of一次性 products.
   c. A program to reduce the use of single-use plastics.
   d. A program to reduce the use of single-use cups.

7. At least one of the following shall be installed on site:

   a. A program to reduce the use of electricity.
   b. A program to reduce the use of natural gas.
   c. A program to reduce the use of propane.
   d. A program to reduce the use of diesel.

8. At least one of the following shall be installed on site:

   a. A program to reduce the use of materials.
   b. A program to reduce the use of resources.
   c. A program to reduce the use of water.
   d. A program to reduce the use of energy.

9. At least one of the following shall be installed on site:

   a. A program to reduce the use of chemicals.
   b. A program to reduce the use of fertilizers.
   c. A program to reduce the use of pesticides.
   d. A program to reduce the use of insecticides.

10. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

11. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

12. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

13. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

14. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

15. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

16. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

17. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

18. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

19. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

20. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

21. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

22. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

23. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

24. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

25. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

26. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

27. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

28. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

29. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

30. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

31. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

32. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

33. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

34. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

35. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

36. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.

37. At least one of the following shall be installed on site:

    a. A program to reduce the use of water.
    b. A program to reduce the use of energy.
    c. A program to reduce the use of materials.
    d. A program to reduce the use of resources.

38. At least one of the following shall be installed on site:

    a. A program to reduce the use of chemicals.
    b. A program to reduce the use of fertilizers.
    c. A program to reduce the use of pesticides.
    d. A program to reduce the use of insecticides.

39. At least one of the following shall be installed on site:

    a. A program to reduce the use of carbon.
    b. A program to reduce the use of nitrogen.
    c. A program to reduce the use of phosphorus.
    d. A program to reduce the use of sulfur.

40. At least one of the following shall be installed on site:

    a. A program to reduce the use of electricity.
    b. A program to reduce the use of natural gas.
    c. A program to reduce the use of propane.
    d. A program to reduce the use of diesel.